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HEART OF FRANCE ASTER

Vick's Garden & Floral Guide

Spring Edition
· 1921 ·

JAMES VICK'S SONS
ROCHESTER, N.Y.
· THE FLOWER CITY ·

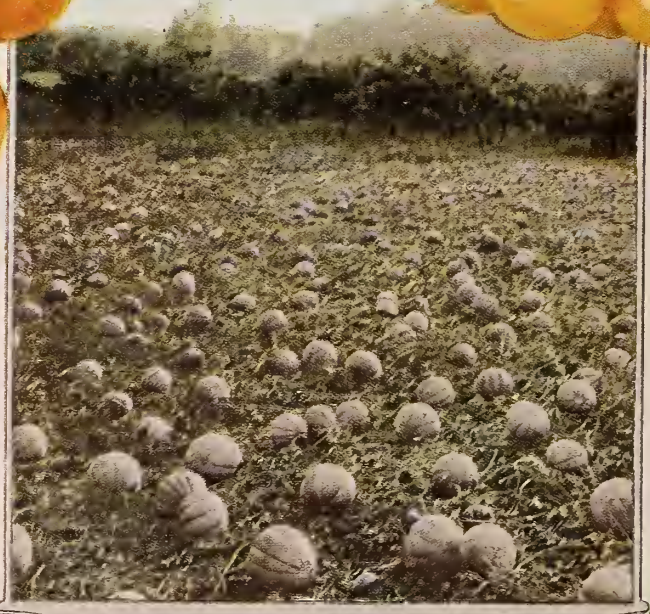
RED CURRANT TOMATO

RED PEACH TOMATO

RED CHERRY TOMATO

PLUM SHAPED YELLOW TOMATO

PEAR SHAPED YELLOW TOMATO



FIELD OF VICK'S IRONDEQUOIT MUSKMELON GROWING FOR SEED.

VICK'S GOLDEN NUGGET SWEET CORN

RED BEAUTY POP CORN

VICK'S EARLY MORNING DEW SWEET CORN

Form No. 6001

Post Office Department

THIRD ASSISTANT POSTMASTER GENERAL

DIVISION OF MONEY ORDERS

No. _____

Stamp of Issuing Office

The Postmaster will insert

here _____

the office drawn on, when the office named by the remitter in the body of this application is not a Money Order Office.

Spaces above this line are for the Postmaster's record, to be filled in by him

Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary, by another person for him

Amount

_____ Dollars _____ Cents

Pay to Order of _____

(Name of person or firm for whom order is intended)

JAMES VICK'S SONS

Whose Address is SEEDSMEN, FLORISTS, NURSERYMEN No. _____ Street

Post Office _____

State ROCHESTER

NEW YORK

Sent by _____

(Name of Sender)

Address of sender _____ No. _____ Street

PURCHASER MUST SEND ORDER AND COUPON TO PAYEE

c5—7155

BULBS

To Our Florist Customers:

Now that your Christmas stock is moved out and you have some room on your benches, why not put in a few more bulbs? We have a surplus as listed below. These bulbs have been carried over in a cool place and are guaranteed to be in good condition. We have made prices that are considerably less than cost, to move this stock. You had better let us have your order at once. The orders will be filled in the order that they are received, as long as the bulbs last.

VARIETIES

QUANTITY ON HAND	Vick's Hyacinths	PRICE PER 100
15	Garibaldi	$5 00
20	General Pelissier	5 00
25	Bouquet Royal	5 00
25	Noble Per Merite	5 00
85	Crown Prince of Sweden	5 00
25	Garrick	5 00
	Single Mixed Unnamed Hyacinths	
125	Red, all shades	3 50
125	Pure White	3 50
400	Blush White	3 50
300	Light Blue	3 50
700	All Colors Mixed	3 50
	Double Mixed Unnamed Hyacinths	
200	All Colors Mixed	3 50
	Vick's Single Early Tulips	
200	Artus	2 50
250	Belle Alliance	2 50
600	Chrysolora	2 50
250	Cottage Maid	2 50
400	Cramoisi Brilliant	2 50
350	Dusart	2 25
100	Herman Schlegel	2 50
100	King of the Yellows	2 25
300	L'Immaculee	2 50
500	La Reine	2 25
100	McKinley	2 50
50	Pink Beauty	2 50

[over]

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You will be delighted with it, and wonder how such a splendid illustrated magazine can cost so little. Sign this Coupon below, and mail AT ONCE with only 50 cents, coin or stamps. Money refunded to you any time you say so.

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1000 Pictures
1000 Ways to make money--
all in the most widely read farm paper in the World

TO THE FARM JOURNAL, Philadelphia:

Enclosed find 50 cents for which send me THE FARM JOURNAL one full year on trial.

My name is.....

R. F. D.....Box.....or Street.....

P. O.....State.....

IMPORTANT: This trial Coupon must be sent direct to The Farm Journal, Philadelphia, Pa. If you live in Philadelphia, Canada, or a foreign country, send 60 cents instead of 50, to cover extra postage.

SEE OTHER SIDE

A Good Living and 10%

You ought to make this much—as good a living as anybody else and realize 10% or more on your cash investment. You and our other friends and patrons are entitled to this just recompense for your labors. Because we believe reading

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will help you earn this and indirectly benefit us, we have persuaded the publishers to let us offer you this special opportunity to get it

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The Farm Journal is published monthly; 64 to 168 pages of new, reliable, practical, up-to-date articles and fine pictures. 44 years old, has over 4,000,000 readers from Maine to California.

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Mail this Mutual Benefit Coupon today with half a dollar, silver or stamps, direct to The Farm Journal. DO NOT SEND IT TO US.

JAMES VICK'S SONS
Rochester, New York—The Flower City
America's Oldest Mail Order Seed Concern

SPECIAL: Add 10 cents (60c. in all) and get latest "Poor Richard Almanac," full of wit and wisdom for all.

Vick's Single Early Tulips (Continued)

QUANTITY ON HAND		PRICE PER 100
250	Pottebakker white	$2 25
100	Pottebakker yellow	2 50
300	President Lincoln	2 50
200	Prince of Austria	2 50
100	Princess Marianne	2 50
300	Rosamundi (Huikman)	2 50
65	Rose Grisdelin	2 50
200	Rose Hawk (La Reine Maxima)	2 25
200	Thomas Moore	2 50
200	White Swan	2 25
3500	Extra Superfine Mixed	1 75
150	Unnamed in separate colors, pink	2 00
100	" " " " yellow	2 00
250	" " " " variegated	2 00
750	" " " " rose	2 00

Vick's May-Flowering Tulips

50	May-Flowering Mixed	2 00

Vick's Selected Double Tulips

310	Crown of Gold	2 50
250	La Candeur	2 50
100	Lord Beaconsfield	2 50
100	Schoonoord	2 50
350	Tea Rose	2 50
50	Tournesol Yellow	2 50

Vick's Selected Ajax or Giant Trumpet Narcissus

50	Mme de Graaff	4 00
100	Incomparabilis Gloria Mundi	3 00
200	" " Sir Watkin	3 00

FLOWER SEEDS
For Early Planting

Our Wholesale Seed Catalogue will be out about February 1st. Meanwhile send in your orders for flower seed needed for midwinter planting at once. Don't wait for prices for ours will be right and it is better to have the seed a week earlier than too late.

JAMES VICK'S SONS
ROCHESTER, N. Y. "The Flower City"

Fees for Money Orders drawn on Domestic Form

Payable in the United States, including Hawaii, Porto Rico, and Virgin Islands, U. S. (late Danish West Indies), or in its possessions, embracing the Canal Zone, Guam, the Philippine Islands, and Tutuila (Samoa), or at the United States Postal Agency at Shanghai (China); also for orders payable in Bermuda, British Guiana, British Honduras, Canada, Cuba, and Newfoundland, and the following islands in the West Indies: Antigua, Bahamas, Barbados, Dominica, Grenada, Jamaica, Martinique, Montserrat, Nevis, St. Kitts, St. Lucia, St. Vincent, Trinidad and Tobago, and Virgin Islands (British).

For Orders	From $0.01 to	$2.50	3 cents.
	From $2.51 to	$5.00	5 cents.
	From $5.01 to	$10.00	8 cents.
	From $10.01 to	$20.00	10 cents.
	From $20.01 to	$30.00	12 cents.
	From $30.01 to	$40.00	15 cents.
	From $40.01 to	$50.00	18 cents.
	From $50.01 to	$60.00	20 cents.
	From $60.01 to	$75.00	25 cents.
	From $75.01 to	$100.00	30 cents.

Memoranda of Issuing Postmaster:

NOTE.—The maximum amount for which a single Money Order may be issued is $100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day. Applications must be preserved at the office of issue for three years from date of issue.

(EDITION FEB., 1920.) 05—7155

PLEASE USE THIS SHEET WHEN ORDERING FROM

JAMES VICK'S SONS, ROCHESTER, N. Y.

Please Forward the Articles named below, subject to Conditions Stated in Your Catalog

Name _____
(Please write name plainly so no one can mistake a single letter of it)

Post Office _____ **State** _____

County _____ **Street, P. O. Box or Rural Delivery** _____

Express or Freight Office _____
If Different from Post Office

SEND BY **Parcels Post Freight, Express** (_____)

Our Order Number	
P. O. Order	$
Exp. M. O.	$
Draft . .	$
Cash . . .	$

Remittance in Above Forms Preferred

Very Important—No matter how many times you have written to us before, always give your name and address in full. For conditions and instructions about ordering, see opening pages of Catalog

Please use this sheet for orders only. It will help us in filling this order if you use other paper when writing letters. More order blanks will gladly be sent upon request.

BE SURE YOUR FULL NAME AND CORRECT ADDRESS ARE PLAINLY GIVEN BEFORE YOU FINISH THIS ORDER

21

CHECK COL. Please do not write in this space	Bu.	Lbs.	Oz.	Pkg.	NAMES OF SEEDS WANTED Please write on the other side for plants and bulbs	Total Price	

WE ARE THE LARGEST GROWERS OF HIGH-GRADE ASTERS IN THE WORLD

IF WE PLEASE YOU, TELL OTHERS—IF NOT, TELL US!

CHECK COL. Please do not write in this space.	Quan.	SEEDS — BULBS — PLANTS	Price

Gladly Sent In Response To Your Request

IF NOT SUFFICIENT ROOM ON THIS SHEET
CONTINUE ON OTHER PAPER

A WELL PLEASED CUSTOMER IS OUR BEST ADVERTISEMENT

THE SERVICE OF A REAL SEED CATALOGUE

Since the foundation of this concern, our conception of the purpose of a seed catalogue and the true mission of a seedsman has been not only to sell the best seeds obtainable, but to make it possible for those who buy these seeds, to secure the best results from their investment. James Vick, the distinguished founder of the concern, the pioneer in the catalogue seed business, set a very high standard for succeeding generations and caused the name of Rochester, The Flower City, to be known in every corner of the world. Within the past few weeks, in a public address at the Rochester Chamber of Commerce, Dr. John H. Finley, official head of all educational enterprises for the State of New York, stated that the first time he ever heard of Rochester was from the Seed Catalogue of James Vick. The deep seated affection and veneration of thousands of people who never even saw him was due to his sincere, generous, and untiring efforts to help his customers in every way in his power, to win success. Even yet many years after his death, we frequently receive letters of sincere praise and admiration of him, from our older customers.

New with an organization vastly superior in every way to any that he knew, these same wise, generous policies are being carried out on larger, broader lines than ever before. We have tried to make this Catalogue the most helpful, interesting and accurate book we have ever issued. We have tried to arrange it conveniently, so that you can find everything readily. We have made our descriptions as accurate as possible, emphasizing those varieties which we have found to be the best for the average gardener or farmer, so as to make it as easy as possible for you to select just the kinds which will help make your garden more successful than ever before. Remember, we are never satisfied until you are. We are ready at all times to help you in any way with your gardening problems. Remember too, that we are always glad to learn of any special success which you may attain. Correspondence is the personal link which we have with our friends and customers.

Even though this catalogue may reach you when the ground is covered with snow and while the winter winds are still blowing, don't set it aside. You will want a chance to look it over at your leisure. Remember that the best gardens are often started on paper, indoors, beside a warm fire. Make your plans now, and send us your order soon so that our service may be as helpful as possible.

We are certain we never offered a larger number of worth-while varieties than you will find on every page of this book. We have made every effort to get stocks which will give the utmost satisfaction. "Vick Quality, the Best the Earth Produces," is an ideal we always keep in mind. It is hardly necessary to repeat again after 72 years in the Seed Business that we do not knowingly sell any article which is not likely to give entire satisfaction. Occasionally, however, someone thoughtlessly asks a seedsman to guarantee the results of his seeds. Such a course would be impossible based on the margin of profit on which seeds are sold, and no honest seedsman would make such a deceptive offer. Between the gathering of our seeds and the arvesting of the crops grown from them, there are many conditions not within our control. Therefore, we can not offer any guarantee as to the descripion, quality or productiveness of seeds, plants or bulbs or for the crops grown from them. All offers are subject to market change and stock unsold. We guarantee the safe arrival of articles shipped in apparent good condition at your Post Office or Express Station. If any article arrives in poor condition, it may be returned to us at once and we will immediately refill order, or, if unable to furnish article at the time we will enter it for later shipment or refund the money as our customer may desire. Further than that we cannot be responsible. A million satisfied customers testify to our fair dealing. We take pride in filling every order, large or small with the utmost care. For general directions and conditions see below.

Rochester, N. Y., The Flower City. **JAMES VICK'S SONS.**

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PICTURES WORTH LOOKING AT

On of the most attractive and helpful features of a seed catalogue to most people, is the pictures. Every one of the pictures in this Catalogue, both on the inside pages and on the covers, was reproduced from an actual photograph. We secured a new camera outfit this year and took a lot of new pictures, not all of which, of course, we could put in the catalogue although we did print a good number. Nearly all of the pictures on the inside and outside cover pages, were taken on our own farms]this past summer, The two little tots with the basket of vegetables shown on the outside back cover, are the delightfully lovable children of our farm superintendent. The tomatoes shown on the inside front cover were reproduced from specimens from the splendid garden of Mr. F. W, Brehm of the Eastman Kodak Company.

General Directions To Customers

CONVENIENCE IN ORDERING

Remember, at the prices named in this catalogue we send Seeds, Bulbs and Plants to any part of the United States, postage or express prepaid, unless otherwise stated. No inconvenience or delay. Simply fill out our order blank carefully, giving full post-office address and the name of the nearest express station, and enclose your remittance. Your order if correctly priced and if supply remains unsold will be filled promptly and with our best quality stock. We guarantee its safe arrival at your express or post-office address.

SAFETY IN SENDING MONEY

Money may be sent at our Risk and Expense if forwarded according to any of the following methods:

1. **Post-office Money Order,** which is the most popular way. 2. **Express Money Order.** 3. **Bank Draft.** 4. **Certified Check.** 5. **Registered Letter.**

While we assume responsibility for the above forms of remittances only, it is becoming safer each year to enclose currency, **if carefully wrapped.** Personal checks are a great convenience, but checks not certified sometimes cause delay until their worth can be established.

As to our responsibility, ask any banker or business man who has access to Dun's or Bradstreet's commercial reports. It is just as easy and safe to order of us as if you lived next door.

REMEMBER

1. If you have occasion to refer to a previous order, placed with us, be sure to mention the post-office from which the order was mailed, and give the same name as in the first order.

2. On account of risk from cold weather, orders for plants will be held until about April 1st. In case they are wanted at an earliear date, mention that fact and they will be shipped accordingly, in which case, however, we do not assume responsibility for damage from cold weather.

3. Unless otherwise instructed, we will ship the best and cheapest way, whether by mail or express. Therefore, you should mention both your post-office address and express station.

4. We do not pay export duties. **No Plants or Bulbs sent C. O. D.**

5. Customers ordering seeds by express or freight should promptly advise us in case of delay or overcharges on shipments or other similar matters. Very frequently we are able to adjust matters entirely satisfactory to all concerned. Our services are always at your command.

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A CROSS SECTION OF OUR TRIAL GROUNDS FOR 1920, ON OUR ORCHARD FARM, WHERE WE MAKE ACTUAL FIELD TESTS OF OUR VARIOUS STOCKS TO ASSURE OURSELVES OF THEIR HIGH QUALITY. IN THE DISTANCE WE CATCH A GLIMPSE OF A FIELD OF POPPIES AND ANNUAL LARKSPUR. BEYOND THAT IS A CORNER OF OUR FAMOUS STATE EXPERIMENTAL ORCHARD

SOME REASONS WHY

Vick Quality Seeds Grow The Best The Earth Produces

No thorough-going seedsman who carries a full line of seeds can possibly grow and specialize in all of the different varieties which he sells. The seeds which we do not grow ourselves we have grown for us by the very best growers we know—experts in their particular lines. We are acquainted with the history of the stocks used by nearly all of these growers, and we are very particular to secure all the information possible regarding their growth, oft times inspecting growing crops at different stages in their development.

However, in order to assure ourselves of the high quality of these seeds which we get from various sources, we test them ourselves in two ways: First we test all our seeds for germination by means of soil tests and artificial testers. A view of part of our Seed Testing Department is shown at the bottom of this page. Notice the two artificial testers; the large one at the left and the small one on the right, which have room for many hundreds of varieties at the same time. Around the walls, in front of the windows, above the steam pipes are trays of earth or "flats", as they are called at the greenhouses in which we make our soil tests. The young lady at the table is "counting off" a tray, to find out the percentage of germination. This takes from three to thirty days, according to the variety of seeds.

The testing for quality, however, requires an actual growing of the seeds for an entire season. This we do on our trial grounds, which were located this past season on our Orchard Farm. We give a partial view of these trials in the picture at the top of the page. Here we grow hundreds of different varieties of flowers and vegetables for the sole purpose of determiuing their relative merits, and whether they are up to true Vick Quality standards.

In addition to these trial grounds, we have other experimental grounds for the many varieties which we ourselves grow, and in which we specialize. Here the work of selecting, improving and developing new varieties is carried on. In these ways we strive always to maintain the standard "Vick Quality, the Best the Earth Produces".

Letters Like This Are Our Reward

Cleveland, O., July 23, 1920.

I would certainly like to say a few words in praise of the flower seeds you handle, for the reason that I have had a hobby of flower growing for a number of years and have never reached the success I was striving for until I started buying Vick's seeds, a few years ago and then I began to realize that there were such things as good seeds on the market. I certainly had the surprise of my life with the results I am getting from your Heart of France Asters, as these asters stand now over two feet high and are throwing blooms, which now look as if they were going to be the best asters I have ever seen regardless of where they were grown.

E. T. MITCHELL.

A VIEW OF OUR SEED TESTING DEPARTMENT

OUR NEWEST ASTERS (See Front Cover)

We have specialized in Asters longer than any other American Seedsmen and have introduced more new distinct varieties than all others combined. We take pleasure in again calling attention to our glorious red Aster Heart of France and Peerless Yellow which have been received with such favor. This season we have a new Rochester Aster, Cerise, which we know will be very popular.

HEART OF FRANCE

The best pure red Aster ever introduced. All others have somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration.

The flowers are large and full with never a trace of hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals. **Per Pkt.; 25c.**

Gentlemen: Thank you so much for the Fall catalogue and what it says about the early days of the bulb and seed business with James Vick. We have dealt with Vick's all these years. If I want to depend on anything and be sure of it, I send to Vick's. I had some very good asters this year, and I beg your pardon for saying it, but I had some Heart of France, fully equal in perfection and size to the ones I saw at the State Fair at your booth; beautiful, and thank you for making it possible for us poor amateurs to grow such beauties. My pansies are immense.
Richland, N. Y., Nov. 4, 1920. *L. FISHER.*

CERISE ROCHESTER

Our New Aster for 1921

A beautiful, soft, glowing shade which flower lovers greatly admire. It is a perfect Rochester type with great, shaggy flowers borne on long stems. Its charming color and handsome form make it unexcelled either for outdoor showing or for cutflower displays. It is sure to be in great demand. **Per pkt., 50 cts; 2 for 75 cts,**

CERISE ROCHESTER

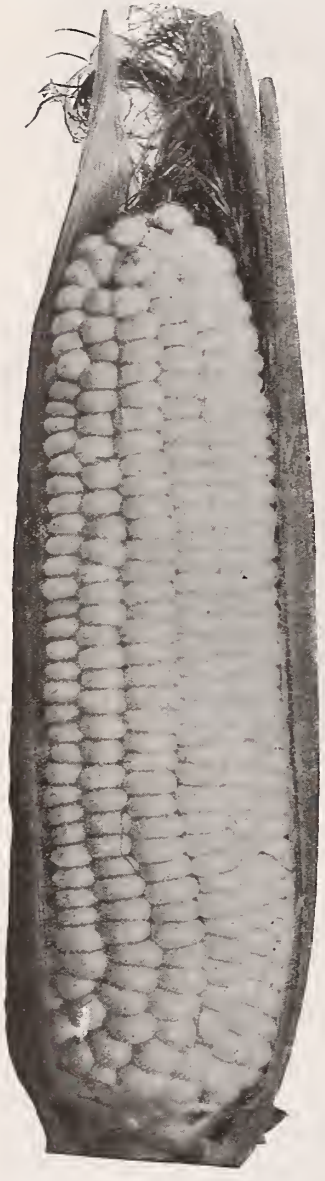
VICK'S PEERLESS YELLOW

Without doubt the most satisfactory yellow yet produced. While not as striking as its more brilliantly colored cousins, its delicate hue of pure sulphur yellow, endears it at once to every true lover of beauty. The flowers are large and remarkably full and ball shaped, with centers deeply covered with curled and twisted florets.

The plants are of branching type and very vigorous. It is not unusual to find a plant with from twenty to thirty good flowering stems sufficiently long and with flowers of ample size for extra fancy cut flower purposes. So numerous and large are the flowers that the plants are completely covered like a golden dome. Frequently visitors comment on its resemblance to a miniature yellow snowball. In a bed the plants will easily fill two foot rows. In a border a single row is ample. It is certainly a winner in its class and color. This variety is such a sparce seeder that we have never had enough seed to go around. In an effort to accumulate a good supply of seed, we this season planted three times as much acreage as ever before. We had an excellent stand and wonderful blossoms, but the amount of seed is still limited **Per Packet, 35 cent.; 2 for 50 cents.**

For other Asters see pages 50–58

The illustration in color on the front cover gives one only a faint conception of the wonderful beauty of Heart of France



WHIPPLE'S EARLY SWEET CORN

A Few New and Unusual Varieties of Special Merit

A person who takes pride in his garden, very naturally looks each season for something new or something just a little different from what his neighbor has. We do not like to recommend to our customers any of the numerous novelties which are being offered from various sources without being very sure that they have some real merit for the average gardener and farmer, or are something more than being merely "novel." The few varieties which we offer on the next two pages have been selected with a great deal of care, after being thoroughly tested. Some of them many of our customers will recognize as not very new, but they are given prominence here because they have unusual merit.

WHIPPLE'S EARLY SWEETCORN

A new early white corn of distinctive merit. In size and appearance it compares favorably with Stowell's Evergreen. Most of the large, robust stalks bear two or more large handsome ears filled to the very tip with plump, narrow, juicy grains of the most deliciously flavored corn. The retail merchant who buys Sweet Corn demands a large, good-looking ear, and to get the best price the grower must have an early type. It was to meet this demand of the gardener that Whipple's Early was bred up and introduced. It meets every requirement of both merchant and grower. Length of ear seven to eight inches; number of rows of kernels fourteen to seventeen. In time of maturity it follows immediately after Vick's Earliest of All, and is more than a week earlier than most early varieties. A splendid corn for the home garden and a money maker for the market grower. **Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents, postpaid. Not postpaid, 2 lbs., 60 cents; 10 to 25 lbs., per lb., 25 cents; 25 lbs. and over, per lb., 23 cents.**

RED BEAUTY POPCORN

RED BEAUTY POPCORN

In our judgment this is the best Popcorn that has ever been produced. The kernels are a deep, attractive red and when thoroughly cured, it pops better than any corn we have ever handled, opening out into immense balls of white, flaky, delicately flavored popcorn, showing no trace of the red husk and entirely free of the tough fibres so common to ordinary Popcorn. It is one of the most productive varieties we have ever grown, there being as high as three to four handsome ears to each stalk. We had a field of this Corn on our own farms this year where it was entirely isolated, and which was grown and harvested with utmost care. We do not hesitate to recommend it to any one who is looking for something extra fine in Popcorn. The illustration on this page, as well as the picture in color on the inside front cover, gives one some idea of how this corn looks. **Price per packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, postpaid. Not prepaid, 2 lbs., 60 cents; 10 to 25 lbs., per lb., 25 cents; 25 lbs. and over, per lb., 23 cents.**

Indianaola, Iowa.

I have an Irondequoit melon yet unripe in my garden 26 inches in circumference, from your seed.

W. H. Shipman.

GIANT WHITE ANNUAL SWEET CLOVER

Every progressive farmer recognizes the great value of Sweet Clover as a soil improver and as a hay and pasture crop. Here is a new annual variety of Sweet Clover which has all the valuable characteristics of the perennial sorts and will mature in a single year. It makes a remarkably vigorous growth, most of plants being as high as a man's head, It stools out well with heavy foliage. The best way to plant for a good seed crop is to drill it in rows, so that it can be cultivated. Our original stock seed of a few ounces came to us from one of the leading State Agricultural Colleges, where it was discovered and developed. We have accumulated a limited amount of this seed of our own growing from this stock and, as long as it lasts, we shall be glad to sell it at the following prices: 1 oz., 60 cts.; ¼ lb., $2.00, postpaid.

VICK'S IRONDEQUOIT MUSKMELON

"Jentle Reader, didja ever sink your face clean up to the ears into a genuine home grown Irondequoit mush melon? Didja? Gee! It's a picture no artist can paint. About the size of a peck measure or, if the gods are kind, maybe a peck and a half. All faded and sandy outside, like a disappointed pun'kin; but inside, Oh Boy! a luscious, globular ooze of gay Persian orange, shading away to deepest, most enticing sea green at the edges. A symphony of color to the eye, a rhapsody to the taste, as each festive, melting morsel goes trickling down a surprised and delighted gullet-with a case of cramps lying in wait if you go too far. But never mind, Death, where is thy sting if we can shuffle off blissfully with our features buried fathoms deep in a home grown mush melon!"

This word picture by Jack W. Speare of the Todd Protectograph Company, appeared in the "Bumble Bee", the weekly paper of the Rochester Ad Club. When you compare this with our modest way of describing it on page 29 you will agree that there is no telling how much business we could do if we could make word pictures of all of our splendid stocks of flower and vegetable seed as Jack Speare has done for Irondequoit Musk Melon. And, honestly, Jack hasn't overdrawn the picture a bit. We have only a little seed this year and will have to charge 25 cents a packet for it.

Our regular customers will remember that we printed the above description of Irondequoit Muskmelon in last years catalogue. We think it is good enough to bear repeating especially as there are many new customers who would enjoy reading it.

The varieties on this page are worthy of your special attention. They are all leaders in their particular classes

LA FRANCE RASPBERRIES

The Phenomenal Giant Everbearing Raspberry

This appears to be one of the most remarkable and valuable varieties of small fruits that has been introduced for many years. La France is a very vigorous grower, a prodigious bearer, exceedingly hardy, and produces fruit of large size and of delicious flavor. Without any question, it is superior to any other Raspberry we have ever seen. Just think of a Raspberry that often attains a height of nine feet with very heavy, stiff canes, with very few spines, heavy foliage, and every branch heavily laden with deep, pink berries, juicy and delicious.

The first June berries are borne on the laterals of the canes produced during the previous summer. However, the vigor of the plant is shown by the fact that even while this crop is on, new canes which have come up the same spring, begin to bloom and bear fruit. The Autum crop of fruit is even heavier than in June. It is borne on the same racemes on the under side of the tops of the canes. New canes continue to spring up in large quantities throughout the season.

This berry has been cultivated only a very short time and the stock that has been acumulated is limited. Better place your order early to make sure of getting your supply. **Prices, each $1.50; per dozen, $15.00, by Express Collect.**

LA FRANCE THE GIANT EVERBEARING RASPBERRY

AMARYLLIS PEATREE

Summer Flowering Narcissus

A very hardy, vigorous and interesting plant which came to us originally from California. We have grown a considerable number of these bulbs on our own farms and are convinced that they are of considerable merit. It is a dwarf plant with slender, dark green, reed-like foliage which spreads out into clumps, about ten inches high. The foliage is evergreen and extremely oraamental in a border, as well as in beds. The flower is beautiful creamy White, star shaped, about two inches across borne on single, wiry stems. The petals are of a thin, delicate texture, giving it a unique transparent look. It begins blooming the latter part of June and continues all summer until stopped by frost, It makes a very unique and unusual edging for hardy perennial or mixed bulb and perennial bed or border. It seems to thrive in almost any location. It has been grown successfully in high cold mountainous regions, in the warm plains of California, and does equally well in our own climate. Its adaptability to different climates and locations, its hardiness, its ease of culture, the beauty of its flowers and foliage, its long season of bloom, all combine to make it a very valuable addition to our list of plants. **Each 20 cents; per dozen $2.00 postpaid.**

I had intended to write you before and tell you of the wonderful Asters I grew from your seeds. This had been the first time I had grown Asters from your very best seed and hereafter none but your very best will be planted in my ground. I grew Rochester Asters that were six inches or larger across the blossom and many people who saw them declared they were as beautiful as California "Mums."
Monroe, Wis., Dec. 27, 1920. *A. C. FRANTOCHY.*

HAIL-STORM VIOLET

THE HAIL-STORM VIOLET

A beautiful, new Violet, distinguished for the uniqne and very interesting spots which occur on the blossoms. The blossoms are large, from a inch to a inch and a quarter in diameter, deep violet in color, delicately spotted and dotted in charming irregularity, with snow-white spots, varying in size from a pin point to one-sixteenth of an inch in diameter. The golden center of the blossom shows prominently. A cluster of these flowers with the sun shining brightly on them, fairly dazzles the eye. The plant is very vigorous, growing almost anywhere, in the sunshine as well as shade, although a partially shady location suits it better. Another valuable characteristic of this Violet is that it multiplies very rapidly; a single plant forming in one season a fine cluster, which can be divided into a number of new plants.

We were unable to secure a very good pieture of this Violet, but the photograph herewith, gives one an idea of what a profuse bloomer it is and distinctly shows the white spots and markings on the blossoms. When the picture was taken the foliage was removed to show the blossoms. **Prices: Each, 25 cents; dozen $2.50.**

Order a few Amaryllis Peatree, a unique plant useful for many purposes offered at a price within reach of all

VICK'S SPECIAL COLLECTION
of Vegetable Seeds

The collections shown on these pages, represent careful study by garden experts with a definite end in view. Each collection is designed to furnish seed for a certain specified size of garden, or for a specific purpose. There are collections for small gardens, for medium sized gardens, for large gardens, gardens for youngsters, gardens to produce vegetables for winter storage. With each collection are furnished detailed cultural directions and a complete garden plan. When you buy one of these collections you get the best possible assortment of varieties not only, but you get instructions how to secure the greatest returns from the least expenditure of time and trouble, by eliminating in a large measure the element of experiment.

VICK'S IDEAL GARDEN COLLECTION $1.00
FOR A WELL BALANCED VEGETABLE GARDEN 15 x 35 FT.

One of the best collections ever arranged for the garden where space is limited. If you have room for a garden approximately 15 x 35 ft. in size, try this collection and you will be surprised at the quantity of vegetables that you can raise from this small space. As the builder of a house always starts with a blue print and specifications; so every gardener needs some sort of definate plan on paper before planting. The garden plan and cultural guide which we furnish tells you just what to do. There is no need to spend time and trouble to work out all the details yourself because it is all made plain and easy and directions are so arranged as to provide fresh vegetables throughout the season.

1 pkt. Beans---Rustless Golden Wax.
1 pkt. Beans---Stringless Green Pod.
1 pkt. Beets---Detroit Dark Red.
1 pkt. Cabbage--- Jersey Wakefield.
1 pkt. Carrots---Chantenay
1 pkt. Corn---Vick's Golden Nugget.
1 pkt. Corn---Stowell's Evergreen
1 pkt. Lettuce---Big Boston
1 pkt. Lettuce---Hanson
1 pkt. Onions Danvers Yellow Globe.
1 pkt. Parsley - Exquisite Moss Curled.
1 pkt. Parsnips Hollow Crown.
1 pkt. Radish Vick's Scarlet Globe
1 pkt. Radish Long White Icicle
1 oz. Spinach
1 pkt. Swiss Chard Large Ribbed
1 pkt. Tomatoes Vick's Special Strain Earliana
1 pkt. Turnips Purple top Globe.

At regular prices these packets amount to $1.90.

Vick's Ideal Garden Collection Postpaid $1.00.

VICK'S PICK QUICK COLLECTION
THE EARLIEST OF EVERYTHING FOR $1.25

If you want a garden that will produce the earliest crops that can be grown order this collection and have vegetables ahead of your neighbors.

ONE PACKET EACH OF THE FOLLOWING

Beans-Bountiful, Beets-Eclipse, Carrots-Ey. Fr. Forcing, Corn-Vick's Earliest of all, Cucumber- Ex. Ey. White Spine, Lettuce Black Seeded Simpson, Endive-White Moss Curled, Onion-White Queen, Radish-Three Weeks, Turnips-Early Milan, Spinach-Victoria, Cress, Peas-Alaska, Squash-Patty Pan Cabbage-Early Wakefield, Vick's Summer Asparagus. Sixteen packets in all This entire collection postpaid for $1.25

Vick's Winter Storage Collection
Postpaid to your address $1.00

In these days of high costs of everything necessary to life the economic value of vegetables is more than ever apparent. The following collection provides crops that can be readily stored and also some that can be easily canned.

ONE PACKET EACH OF THE FOLLOWING

Beets-Detroit Dark Red, Carrots Danvers Half Long. Cabbage-Danish Ballhead, Parsnips-Hollow Crown, Salisfy, Turnips-Purple Top White Globe, Rutabaga-Am. Purple Top, Squash-Hubbard, Beans-Lima Beans-Vick's Marvelous (Shell,) Celery-,Giant Pascal, Onions-Yellow Globe Danvers.

All for $1.00 postpaid.

Junior Garden Collection 75 cts.

This collection includes a very good assortment of easily grown vegetables especially designed for childrens garden, and for those with a small house garden when space is strictly limited One packet each of the following.

Turnip-Purple Top White Globe, Sweet Corn-Vick's Golden Nugget, Carrots-Chantenay, Onions-Danvers Yellow Globe, Lettuce-Big Boston, Muskmelen-Honey Dew, Spinach, Cabbage-All seasons, Beets Detroit Dark Red, Chinese Cabbage.

Vick's Junior Garden Collection postpaid 75 cents.

JUNIOR GARDEN COLLECTION.

The collections listed on these pages are all put up in advance and cannot be changed in any way.

Vick's Peace and Plenty Vegetable Collection

A Bountiful Garden 30 x 40 for $2.50

Contains a splendid assortment of all the best standard varieties in sufficient quantity to bountifully supply the needs of an ordinary family. The garden plan and detailed cultural directions which are included with this collection are a wonderful help in getting the most satisfactory results.

Beans-Stringless Gr. Pod
Beans-Butter Rustless Golden Wax
Beans-Bush Lima
Beets Crosby's Egyptian.
Beets Detroit Dark Red.
Beets Swiss Chard.
Cabbage-20th Century.
Cabbage-Danish Ball Head.
Carrot-Chantenay
Carrot-Danvers Half Long
Celery-Golden Self Blanching
Corn Golden Nugget
Corn-Country Gentleman
Cucumbers-Vick's Abundance
Lettuce-Grand Rapids
Lettuce-Big Boston
Vick's Summer Asparagus
Squash-White Bush, Summer
Squash-Hubbard, Winter
Tomato-Vick's Earliana
Turnip-Purple Top White Globe.
Endive-White Curled

Musk Melon-Irondequoit
Parsley-Moss Curled
Parsnip-Hollow Crown
Pepper-Sweet Mountain
Onions-Yellow Globe Danvers
Peas-Notts Excelsior
Radish-Vick's Scarlet Globe
Radish-Icicle
Spinach-All Seasons 1 oz.
Salisfy-Mammoth Sandwich Island.

If ordered separately the above packets would cost $3.40. The entire collection, postpaid, to your door for $2.50.

VICK'S PLANT AND BULB COLLECTIONS

VICK'S HARDY PLANT COLLECTION

Our most popular collection of plants. A wonderful assortment of the best hardy perennials. A wide range of colors and types.

One each of the following;

Oriental Poppy
Delphinium Formosum
Perennial Phlox
Canterbury Bell
Gaillardia
Veronica Spicata
Coreopsis
Aquilegia
Japan Iris
Salvia Pratensis
Helianthus Multiflorus

If ordered separately thsse plants would cost $3.20

11 Strong Plants, postpaid, for $2.00

GLADIOLUS COLLECTIONS

Gladioli are one of the most popular summer flowering bulbs. In order that our customers may become better acquainted with the different colors and varieties of these beautiful flowers, we offer the following special combinations.

3 12c bulbs (all different) for 30c
6 12c bulbs (all different) for 55c
3 15c bulbs (all different) for 35c
6 15c bulbs (all different) for 75c

See page 99 for full list of varieties and descriptions

Mount Morris, N. Y., May 6, 1920.

I have bought from you for six years and the plants have been most satisfactory.

Mrs. R. E. Pryor.

Fords, N. Y., Sept. 2, 1920.

I had fine luck with my garden, the seed purchased from you.

Mrs. Adolph Ellingsen

Try one of our collections of vegetables or flowers.

Vick's Chrysanthemum Collections

Hardy Pompon Varieties

The best for planting out of doors. This collection contains a full assortment of the most popular colors.

Six Fine Plants, for $1.50

Allentown, Bronze Yellow
Diana, Pure White
Edna, White, Pink Shading
Hero, Pink
Lyndhurst, Red
Miss Julia, Bronze

Large Flowering Varieties

The most showy and largest flowers of late autumn and early winter. Six splendid varieties.

Six Fine Plants, for $1.50

Cullingfordi, Crimson Scarlet
Ivory, White
Mrs. William Duckham, Yellow
Pacific Supreme, Pink
Red Duckham, Red
Unaka, Lavender

See page 100 for descriptions and full list of varieties

DAY LILY COLLECTION

Five Varieties, postpaid to your address $1.25

White Day, Lemon Day, Golden Day, Variegated Leaved Day, Blue Day.

For full description of these fine lilies see page 91.

VICK'S SUPERB LILY COLLECTION

Six Extra Choice varieties, postpaid, to your address $2.00.

Auratum, Rubrum, Melpomene, Album, Elegans Incomparable, Tigrinum Splendens.

This collection contains, some of the finest lilies in cultivation. See pages 90 and 91.

Bargain Collections, Plants and Bulbs

For full list of varieties with descriptions see pp. 84–103.

Every spring we have a surplus, due to the fact that some named varieties are called for more than others, thus reducing our stock on some kinds, and leaving a supply of other equally good kinds uncalled for. Therefore, we make the following special offers of our stock in the collections listed herewith. The choice of varieties must be left to us, but the quality of the plants and varieties will be just as good as though you ordered them at higher prices from our catalogue.

"A"	6 Carnations	$1.00	"F"	4 Fuchsias	$ .75
"B"	8 Cannas	1.50	"G"	6 Ferns	1.25
"C"	10 Chrysanthemums	2.00	"H"	5 Geraniums	1.00
"D"	6 Coleus	1.00	"I"	12 Gladiolus	.50
"E"	5 Dahlias	.75	"J"	10 Choice Perennials	2.00

You can find just the combination you are looking for.

Vick's Special Collections of Flower Seeds

GOOD JUDGES OF ASTERS

Collection of Old Favorite Perennials

These beautiful and popular varities will live for years, and make a wonderful combination of color from early spring to late fall.

Anchusa	Digitalis	Delphinium
Aquilegia	Gypsophila	Campanula
Coreopsis	Gaillardia	Lychnis
Iceland Poppy	Oriental Poppy	Sweet William

One packet each of above twelve varieties $1.00

Bright and Beautiful Annuals

A complete annual flower garden that will be truly delightful with proper arrangement at a great saving in price.

One packet each of the following varieties 75 cents.

Phlox Drummondii	Giant Flowered Zinnias
Salpiglossis	Early Flowering Cosmos
Curled and Crested Zinnia	Branching Asters
Annual Larkspur	Ruffled Petunia

Order by this name "Vick's B. & B. Collection," 75 cents.

Sweet Pea Collections

We offer two collections of the Ruffled Giant Spencer Sweet Peas, the finest varieties grown. Each of these collections you will find very interesting as they contain a very carefully selected assortment of colors and types.

The Grandiflora Collection contains as complete an assortment of colors as will be found anywhere.

Selected Spencer Collection

Six beautiful Spencer varieties 50 cents.

America Spencer	Margaret Madison
Capt. of the Blues	King Edward VII Spencer
Elfrida Pearson	White Spencer

New Spencer Collection

Six of the very finest Spencer Sweet Peas 75 cents.

Margaret Atlee	Royal Purple
Rosabelle	Wedgewood
Dobbies Cream	Yarrawa

Grandiflora Collection

Sixteen packets separate colors, 75 cents.

America	Lovely
Aurora	Mrs. Willmott
Bolton Pink	Lord Nelson
Dorothy Eckford	Mrs. Geo. Higginson Jr.
Gladys Unwin	Nora Unwin
Hon. Mrs. E. Kenyon	Othello
King Edward VII	Prima Donna
Lady Grisel Hamilton	Prince of Wales

Our flower seed collections are made up with special care, with a definite idea of furnishing on each the most effective combination of colors and types of flowers that can be secured. By ordering these collections you are not only getting seeds at reduced prices but you are also getting the best possible assortment of each class, based on our own wide experience.

VICK'S ASTER COLLECTIONS

In these collections we offer our customers an assortment of colors in the leading aster classes. In most cases we give the entire number of colors found in these types. With each collection we send our valuable booklet, "Asters in the Home Garden."

Vick's Branching Aster Collection

Our most popular collection of Asters.
One packet each 8 separate colors for 75 cents.

White	Rose	Carmine	Lavender
Pink	Crimson	Purple	Dark Violet

Royal Aster Collection

One packet each four separate colors for 50 cents.

Lavender	Rose	Shell Pink	Purple

Collection of Crego Asters

One packet each, four separate colors for 50 cents.

White	Shell Pink	Rose	Purple

Late Upright Aster Collection

One packet each six colors for 75 cents.

Peach Blossom	Crimson	Amethyst
White	Rose	Purple

Triumph Comet Collection

One packet each, six seperate colors for 75c.

White	Purple	Lavender Pink
Lavender	Shell Pink	Rose

SNAPDRAGON COLLECTION

This old favorite is growing in popularity not only because it is such a fine bedding plant and remains in bloom such a long time but also because it makes wonderfully beautiful bouquets for house decoration.

One packet each six varieties 50 cents

Crimson	Rose	Striped
Yellow	Scarlet and Gold	White

VICK'S ZINNIA COLLECTIONS

Giant-Flowering Double Zinnias

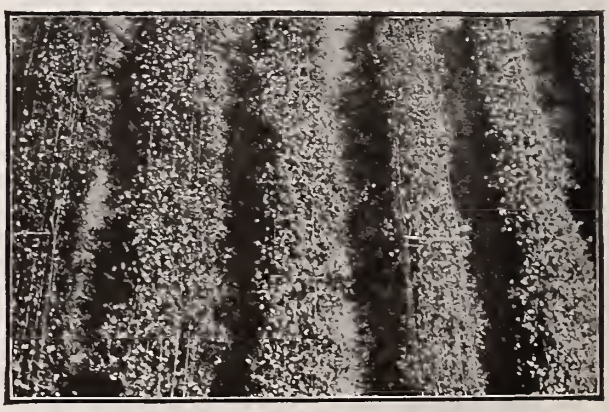
Seven packets, separate colors, 75 cents.

Scarlet White Yellow Rose Purple Striped Crimson

Large-Flowering Double Zinnias

Seven packets, separate colors, 50 cents.

Purple Striped Crimson Scarlet Rose White Yellow



This is the Way Sweet Peas Look from the Sky

The above collectlons are worthy careful consideration. They represent the best combinations of colors and types.

Make Your Home Grounds Beautiful

No residence, no matter how expensive, is really attractive unless the grounds and surroundings are equally beautiful. On the other hand the humblest dwelling can be made wonderfully homelike and attractive in the proper setting. The first essential is a neat smooth green turf. This can only be secured by the use of proper grass seed Then the careful selection and proper placing of a few Hardy Perennials, Shrubs and Annual flower beds will complete the picture. You will find Hardy Perennials and Shrubs listed in this Catalogue commencing with page 84.

VICK'S FAMOUS GRASS SEED MIXTURES

One of the things in which we have specialized, and of which we are justly proud, is our grass seed mixtures. It takes years of experience and experimenting to know just what grasses are best in various localities and conditions. Below you will find a number of mixtures which have been designed for certain specific purposes and are the best that can be secured for the uses designated. It is possible that you have peculiar problems which require particular treatment. If you have, we shall be very glad to have you write us and we shall be only too pleased to advise you what to do, and arrange to supply special mixtures for your special needs. Remember, whatever your problems are connected with your grounds or garden do not hesitate to write to us. We are here to serve you.

Vick's "Velvet Lawn"
GRASS SEED MIXTURE

To make a perfect lawn, good seed is absolutely essential. Vick's "Velvet Lawn" Grass Seed Mixture is composed of several grasses of the highest standard of purity and germination, and unsurpassed by any other mixture, regardless of price. Under ordinary conditions a velvet lawn is absolutely assured in a few weeks after sowing.

Good lawn results can be obtained only by using a mixture of several grasses, because the different varieties are at their best at different times during the spring, summer and fall. Our "Velvet Lawn" Mixture contains the right kinds of grasses in correct proportions, and will produce a thick sod of rich deep green throughout the entire growing season. Only the highest grades of seed are used.

Do not mix Timothy or any other grasses with our "Velvet Lawn" Mixture. It is correctly proportioned for nearly all situations and conditions of soil, and will give you entire satisfaction Vick's "Velvet Lawn" Grass weighs twenty pounds per bushel and will go fully twice as far as any of the ordinary mixtures of fourteen pounds per bushel we have ever seen.

½ pound, 25 cents; pound, 45 cents, prepaid.
Not prepaid, five pounds, $1.60; 10 pounds, $3.00; 20 pounds, $5.50.

Vick's "Golf Course"
GRASS SEED MIXTURE

Some of the most successful championship courses were sown with Vick's "Golf Course" Grass Seed Mixture, a combination of the finest seed of tested, quick-growing, fine-leaved, dwarf grasses especially adapted to the making of the finest Putting and Fair Greens.

½ pound, 35 cents; pound, 55 cents, prepaid.
Not prepaid, five pounds, $2.25; fourteen pounds, $5.50

Pulverized Sheep Manure as a Fertilizer

For private grounds, lawns, tennis courts, parks and golf courses, you will find our **Pulverized Sheep Manure** a most effective fertilizer. It is a natural, pure, animal fertilizer and adds organic matter to the soil by nature's own method. It may be applied in any quantity without injury to the grass. The first rain will wash it down to the roots, where its beneficial effect is immediate.

By Express or Freight Collect.

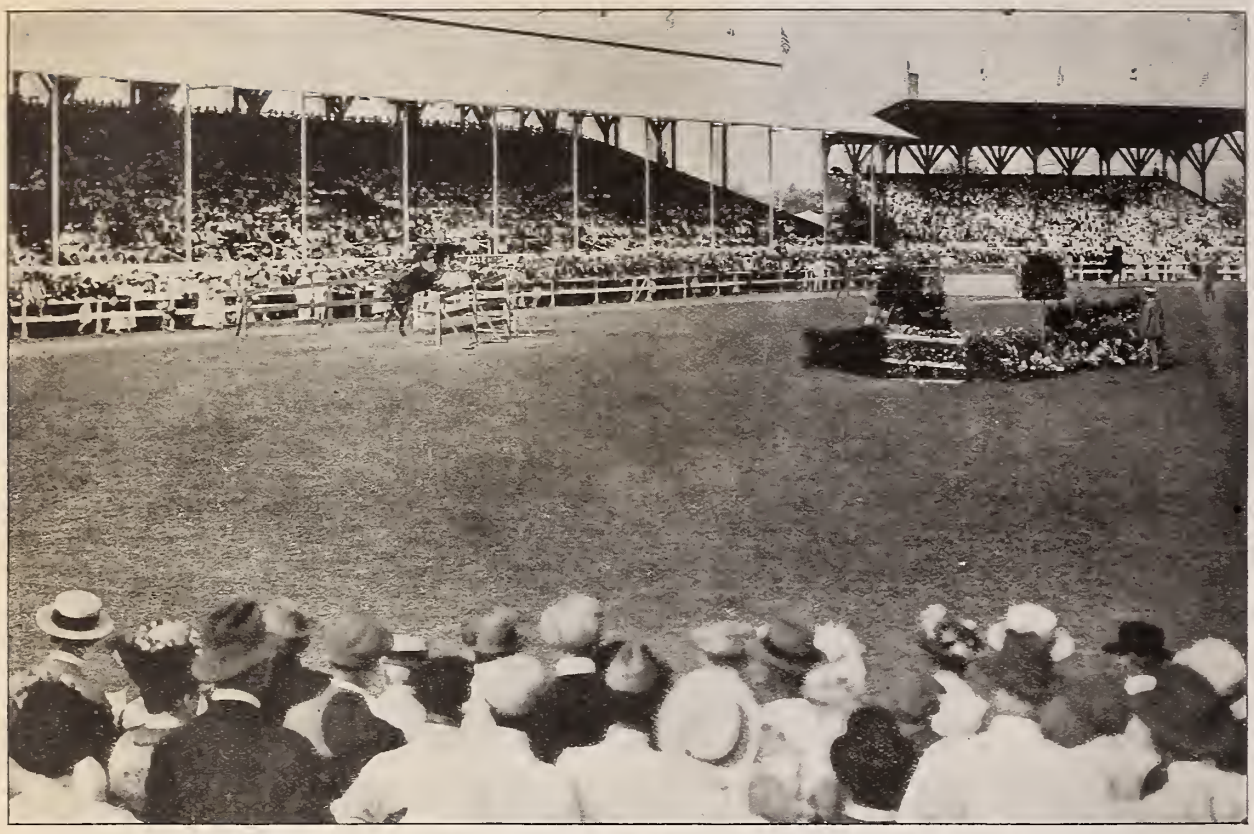
Five lbs., 40 cents; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.00; 500 lbs., $12.50; 1000 lbs., $21.00; 1 ton, $40.00, not prepaid.

To ascertain the necessary quantity of Vick's Lawn Grass Mixtures use the following rule:—

Use one-half pound of seed to 275 square feet; one pound to 450 square feet; 100 pounds to one acre, (43,560 square feet).

For 1 acre,	43560	square feet	100	lbs.	For ⅓ acre,	14520	square feet	33½	lbs.	For 1-12 acre,	3630	square feet	8	lbs.
" ½ "	21780	" "	50	"	" 1/6 "	7260	" "	17	"	" 1-16 "	2723	" "	6	"
" ¼ "	10890	" "	25	"	" ⅛ "	5445	" "	12½	"	" 1-32 "	1362	" "	3	"

Cover clay spots or subsoil from excavations with light surface soil. Settle and level by repeated rolling and raking. Rake in a liberal amount of **Vick's Pulverized Sheep Manure. It will not burn the seed.** Sow when the ground is ready and keep the lawn sprinkled, if possible, until the grass is well established.



10 VICK'S "EXPOSITION PARK" GRASS SEED MIXTURE UNDER MOST SEVERE TEST POSSIBLE

The Paddock—Rochester Horse Show. One of the largest and best shows of its kind in the country. Here for a week more than 300 of the finest riding and driving horses from all over the country compete for prizes. The sod must be thick and tough to stand the hard usage given it by running and jumping such a large number of horses every day. **Vick's "Exposition Park" Grass Seed is used exclusively in this Paddock.** In spite of the extremely hard usage the shod feet of the horses give it each year, it is always kept in fine condition.

Vick's Exposition Park

GRASS SEED MIXTURE

For Any Turf That Has to Stand Any Amount of Hard Usage Without Showing Wear and Tear

Years of experience testing and trying out combinations of different varieties of grasses that will make a thick, firm, elastic, yet smooth turf, one that is deep-rooted and will stay green in both wet and dry weather has given us this Exposition Park Grass Seed Mixture.

This mixture is composed of low-growing, fine-leaved, tough and hardy grasses that will stand the great wear and tear that is required of the turf of Polo Grounds, Baseball Grounds, Croquet Grounds, Bowling Greens, Horse Show Paddocks, Public Parks and Picnic Grounds.

Sow one pound to 300 square feet; 100 pounds to the acre.

½ Pound, 35 cents; pound, 55 cents, prepaid.
Not prepaid, five pounds, $2.25; fourteen pounds, $5.50.

Vick's Shady Spot

GRASS SEED MIXTURE

For Any Spot So Shaded That the Ordinary Grass Seed Will Not Grow

No unsightly bare spots under bay windows or trees will be seen if Shady Spot Grass Seed Mixture is used. This is a combination of dwarf growing evergreen grasses especially adapted to securing a good growth in densely shaded locations. As ground that is so so closely shaded and poorly drained is frequently "sour," an application of a bushel of slacked lime or land plaster to each 1,000 square feet will sweeten it up wonderfully, and with the help of Vick's Shady Spot Grass Seed Mixture will give you the very best results.

½ pound, 25 cents; pound. 45 cents, prepaid.
Not prepaid Five pounds, $1.85; 10 pounds, $3.25;
20 pounds, $6.00, not prepaid.

FACTS ABOUT GRASS SEED MIXTURES

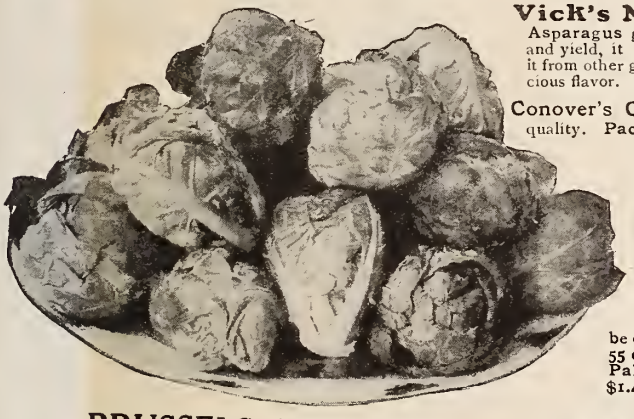
The most essential thing in making a lawn is good seed. On ordinary soil, well fertilized with either pulverized sheep manure or stable litter, and with proper moisture, good seed will grow. The price of lawn grass seed varies greatly according to quality. The cheap seed offered consists mostly of chaff, and if used, the planter will find his grass coming up in patches or very thin. If good seed is planted it will come up thick and make a good permanent lawn. Our lawn mixtures are composed of the very highest grades of grasses, as free as possible from all weed seeds and other impurities. Moreover, for our mixtures we use grasses with the highest obtainable percentage of germination. Do not be humbugged with cheap seed; buy the best and have a lawn that will last indefinitely.

Our list of varieties of Annual Flower Seeds begins on page 59. Perennials on page 80. Send in your order early

VICK'S ASPARAGUS

Spargel, Ger.; Esparrago, Span.; Sparagio, Ital.

ASPARAGUS, luscious and tender, is about the first fresh table delicacy in the spring. Very popular. Easily grown. As Asparagus seed germinates very slowly, it is advisable, when ready to plant, to pour hot water over it, repeating the process a second time when cool. The seed should be sown quite early in the spring in a bed of light, rich soil, in drills one foot apart and two inches deep. When the plants are well up, thin to about one inch apart. In the fall cut them down and spread well-rotted stable manure two inches deep over the bed. Early the next spring, when the plants are about to grow, transplant to the permanent bed. The subsoil of this bed must be well drained. It should be dug to a depth of at least two and one-half feet, and mixed with plenty of well-rotted manure. For private garden use set the plants about a foot apart, with crowns four inches below the surface and roots carefully spread. For field culture the plants should be two feet apart and the rows six feet apart. In autumn, cut away the ripe tops and cover the beds, before winter, with manure. Fork the beds the next spring, being careful not to injure the roots. One ounce of seed will sow a drill fifty feet long. One pound will produce plants sufficient for an acre.



Vick's Mammoth is, without exception, the largest, heaviest and best Asparagus grown. A bunch of twelve stalks will weigh three to four pounds. In size, color and yield, it far surpasses any other variety. The delicacy of its color notably distinguishes it from other green varieties, while its thick stalks are unusually tender and succulent, and of delicious flavor. Packet, 15 cents; oz., 20 cents; ¼ lb., 40 cents; lb., $1.25.

Conover's Colossal. The old standard variety; of large size, rapid growth, and best quality. Packet, 10 cents; oz., 15 cents; ¼ lb., 25 cents; lb., 75 cents.

Palmetto. Of Southern origin, but equally adapted to the North. Early, large, productive, and of excellent quality.
Packet, 10 cents; oz., 15 cents; ¼ lb., 25 cents; lb., 75 cents.

Columbian Mammoth White. A very popular variety, producing white stalks above ground of large size and finest quality and flavor.
Packet, 10 cents; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

ASPARAGUS ROOTS

By purchasing plants at least a year of time is saved. The young shoots may be cut for the table the second season. Vick's Mammoth, by mail, prepaid, 25, 55 cents; 100, $1.75. By express, not prepaid, $1.50. Conover's Colossal and Palmetto, by mail, prepaid, 25, 50 cents; 100, $1.60. By express, not prepaid, $1.40. Special prices on larger quantities.

BRUSSELS SPROUTS

Rosenkohl, Ger.; Bretones de Bruselas, Span.; Cavolo di Brusselles; Ital.

Brussels Sprouts are hardier than cabbages, and the "sprouts" or little heads growing along the stem are considered the most delicately flavored vegetables of the entire Cabbage family. Grown in the same manner as winter Cabbage. The late crop is usually the most satisfactory. One ounce seed produces about 1000 plants.

Vick's Improved or Paris Market. Packet, 10 cents ounce, 40 cts.; ¼ lb., $1.25

VICK'S MAMMOTH ASPARAGUS

ARTICHOKE

Artischoke, Ger.
Alcachofa, Span.
Articiocca, Ital.

The Globe Artichoke is cultivated for its flower heads, which are used in an undeveloped state, cooked like Asparagus. Plant seed early in spring, three inches apart, in rows one foot apart. When one year old, transplant to rows three feet apart and one foot apart in the row. Where the winters are severe protect the plants with leaves or dry litter to keep the crowns from freezing. **Jerusalem.** (Tubers). See Farm Seeds, page 45.

Green Globe. (Seed). Packet, 10 cents; ½ oz., 45 cents; oz., 75 cents.

No other crop will give more satisfaction than an asparagus bed. Better start one this spring either from seed or roots

RUSTLESS GOLDEN WAX

Garden Beans

Bohen, Ger. Habichuela, Span. Faginoli, Ital.

THE Dwarf Beans are earliest and most hardy, as a general rule. In garden culture, Beans are usually planted about two inches deep, in rows eighteen inches apart, and three inches apart in the row; in field culture, in drills two to three feet apart, so as to cultivate with horse one way. Until blossoming season, frequent but shallow cultivation should be given. Seed of the large varieties should be planted with the eye downward. Two pounds of seed will be sufficient for 100 hills of Limas, and 250 to 300 hills of the other varieties, and for about 100 feet of drill. Plant one bushel per acre. Beans should never be worked when they are wet from either dew or rain as it causes rust. They can be planted in succession to within 60 days of frost. Remember, our prices on this page include postage or express to your station. For larger quantities you will find special prices quoted on page 44. Field Beans are shown in the Farm Seed Section on page 45.

Yellow or Wax Pod Bush Beans

Prices on all varieties, on this page, by parcel post prepaid:
Packet, 10 cents; ¼ lb., 20 cents; ½ lb., 30 cents; 1 lb., 45 cents.
For larger quantities see our special prices on page 44.

Rustless Golden Wax. ***A strong grower, free from rust,*** and of remarkable vigor. The pods are meaty and well filled, of fine quality, and stringless. With its fine quality, hardiness, productiveness, and freedom from rust, it is a great improvement over the old-fashioned Golden Wax, and its yielding quality makes it one of the very best for the home garden.

Pencil-Pod Black Wax. Plants, when in bearing, about fifteen inches high, loaded with long, round, handsome, golden yellow pods. Perfectly stringless, brittle, tender and mild in flavor. Two or three days later but better than Prolific Black Wax.

Davis' Kidney Wax Bean. A splendid white seeded bean. To be used either as a snap bean or as a dry shell bean. One of the best varieties for baking.

Prolific Black Wax. An old sort which still retains its popularity. It is very tender, crisp, and of fine quality. It is early, hardy, almost rust proof and very productive; pods long, yellow, round.

Sure-Crop Stringless Wax. An absolutely stringless, rust-proof, wax-pod, bush Bean. Pods seven to seven and a half inches long, about half an inch in diameter, and a beautiful rich yellow color. Plant hardy, extremely prolific, in fact it bears more freely than any other variety of recent introduction. Just the Bean for the family garden. On account of its size it is always a ready seller on the market.

Refugee Wax. One of the very best of the wax-pod sorts. The plants produce an abundance of long, round wax-like pods, perfectly stringless, tender and of the finest quality. In color, the pods are a rich ,creamy white. This variety is classed among the early sorts, as it comes into bearing about 40 days after planting and continues to bear for several weeks. It is certainly one of the best Beans for either the home garden or the market. See illustration on page 13.

Brittle Wax. One of the best early varieties. The pods are round and long, often six inches in length, and a rich, golden yellow; stringless and tender. When ripe makes good shell bean.

Wardwell's Kidney Wax. A very popular variety, especially in some localities, because of the large size, handsome appearance and excellent quality of the pods. The pods are flat, broad, and usually five or six inches long of delicate, waxy yellow color, stringless and brittle. Very widely used by Market Gardeners.

Hardy Wax. A splendid, early, round-podded wax bean of recent introduction. It is hardy, entirely stringless, tender brittle and of waxy golden color. The plants are vigorous and exceedingly productive.

Burpee's Kidney Wax. A remarkable new Kidney Wax Bean. Pods mesure from six to seven inches in length, half an inch broad and three-eighths of an inch thick, almost straight, very fleshy, brittle, finely flavored and absolutely stringless. The beans and foliage of this variety seem to be immune from disease and it is altogether a splendid bean for any garden.

Pole, or Running Beans

Pole beans well deserve to be used much more largely than they are since they yield much more heavily than the dwarf varieties. They persist in blossoming and bearing an abundance of fresh, tender beans until the vines are killed by frost. They are rather more sensitive to the cold and wet than the dwarf varieties and should be planted later. About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

Packet, 10 cts.; ¼ lb., 20 cts.; ½ lb., 30 cts.; lb., 45 cts., postpaid. For special prices on larger quantities, see page 44.

Old Homestead (Kentucky Wonder). Earliest of the green Pole Beans and enormously productive. The pods though large, cook tender, and are delicious. A most excellent snap variety.

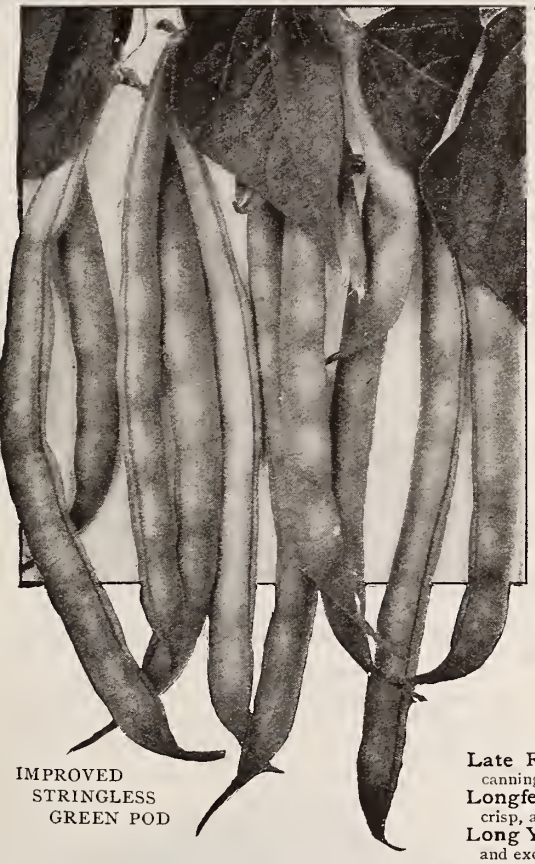
Scarlet Runner. An old favorite; used both as string and shelled beans. It is an excellent snap variety producing an abundance of large green pods. In addition to its culinary value, Scarlet Runner is useful for ornamental purposes. The strong, rapid growing vines bear brilliant scarlet flowers from early summer until late fall, and may be used to good advantage for training over porches and trellises.

Early Golden Cluster Wax. Vigorous and very productive; pods enormously large and long, flat, waxy yellow, tender, and of excellent quality. The best of the climbing wax beans and deserves a place in every garden.

London Horticultural, or Speckled Cranberry (Wren's Egg). Vines moderately vigorous; pods short, broad, pale green, but becoming streaked with bright red. Popular as a shelled bean, either green or dry. Many people prefer this variety to the Limas.

White Dutch Case-Knife. Good as a shell bean, either green or dry. One of the earliest and very productive.

We are originators of many of the best varieties of Vegetable and Flower Seeds being sold by seedsmen of this country



IMPROVED STRINGLESS GREEN POD

Green Pod Bush Beans

Pkt., 10 cts.; ¼ lb., 20 cts.; ½ lb., 30 cts.; lb., 45 cts., except as noted.
Remember, these are Prepaid Prices. For special prices on larger quantities, see page 44.

Bountiful. A new Green-Podded Bush variety that has come into prominence in the past few years, owing to its superior quality, earliness and productiveness. One great feature is that while it bears early, its pods remain in an edible condition for a long time. Pods often average 6 in.; one of the very best for market gardeners.

Dwarf Horticultural. A standard New England sort. The pods are medium in length, cylindrical, curved, splashed with bright red on a yellowish ground. The beans are round and speckled. An excellent variety shelled either green or dried.

Extra Early Red Valentine. One of the most popular of the extra early snap beans. Pods round, fleshy, and well filled with beans of excellent quality.

Extra Early Refugee. One of the earliest of the green-podded sorts, about two weeks earlier than Refugee, Thousand to One while retaining all the superior qualities of that variety; straight, tender pods, of fine flavor. Excellent for pickles. It is an enormous yielder. A splendid variety for market gardeners.

Full Measure. A bush variety, popular on account of its wonderful yield and quality. Handsome long green, round pods, of the highest quality and perfectly stringless. It also remains in picking condition many days after maturing, a strong point in its favor, either for market or home garden.

Giant Stringless Green-Pod. This is a distinct cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine, the pods being large, five to six inches in length, unusually crisp, round, full, and fleshy. A little later than Improved Stringless Green Pod.

Keeney's Stringless Refugee. One of the best green podded varieties having all the good points of the old-fashioned Refugee, differing only in the fact that it is perfectly stringless. It forms a strong, rank bush of many branches free from rust. Extremely hardy. Pods are long, round as a pencil; color light gray-green.

Improved Stringless Green Pod. The pods are absolutely stringless, full, fleshy, crisp, very tender, and of the finest flavor, remaining long in edible condition. Ready for the market two weeks earlier than Valentine, and very prolific. Too much cannot be said in favor of this most excellent Bean, which has become a general favorite among growers.

Late Refuge or 1000 to One. Improved strain, for years the most popular late variety for canning in spite of the fact that it is a string bean. It was the most prolific bean in our trials.

Longfellow. A round, solid, very early, Green-Podded Bean. Good quality, very tender and crisp, and exceedingly prolific. One of the best for the home garden or market.

Long Yellow Six Weeks. A very early standard variety, much prized for its productiveness and excellent quality. The green pods are often eight inches long, tender and brittle.

Lima Beans—Pole, or Running

All varieties, Packet, 10 cents; ¼ lb., 20 cents, ½ lb., 30 cents; lb., 45 cents.

Carolina Sieva. By far the best pole lima for Southern territory. Seeds are small, but pods are always plump and well filled. Vines hardy and very prolific.

King of the Garden Lima. A vigorous grower, requiring but two vines to each pole. Begins flowering early, at the bottom of the pole, producing a continuous bloom and fruitage throughout the season. Pods measure from five to eight inches, and contain five, six, and seven perfectly formed beans of superior edible quality.

Large White Lima. This old well known sort needs no description. The green beans, are very tender and delicious. If allowed to ripen the shellsd beans make excellent eating.

Extra Early Jersey Lima. A splendid early variety earlier than King of the garden and a good sort to plant for succession.

Siebert's Early Lima. An extra early Lima and extremely productive bearing throughout the whole season. The beans are nearly as large as those of Large White Lima, and of good quality.

REFUGEE WAX
One of the Best Beans for the Home Garden or Market
For description see page 12.

Dwarf Bush Lima Beans

Packet, 10 cents; ¼ lb., 20 cents; ½ lb., 30 cents; lb., 45 cents.

Fordhook Bush Lima. Without doubt the best Dwarf Bush Lima. Earlier than the Pole Limas by ten days. Pods measuring from four to five inches in length, containing four to five large beans of excellent quality. The plants grow to a height of 20 to 30 inches; are strong and bushy, and a rich dark green in color.

Henderson's Bush Lima. Similar to Carolina Sieva but dwarf in habit. This proved to be one of the earliest and most prolific Lima Bean in our trials. The bean is small but plump and well filled. The best Bush Lima for Southern Territory.

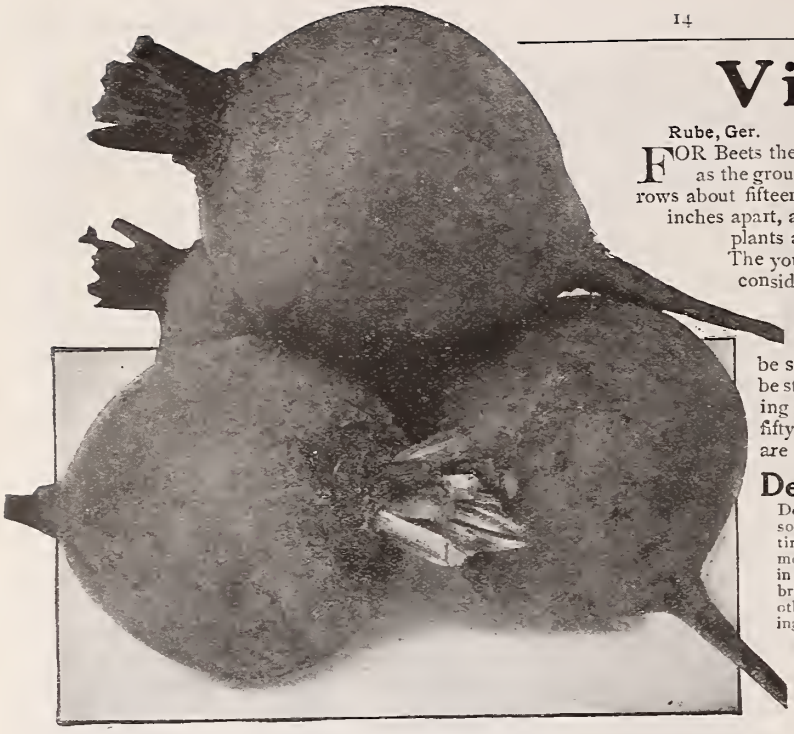
True Bush Lima. The bush grows from eighteen to twenty-four inches high, branching freely, bearing many large pods, well filled with delicious buttery beans. Plant in rows three feet apart, and thin to twelve or eighteen inches apart in the row.

Wood's New Prolific Bush Lima. A greatly improved strain of Henderson's Bush Lima, or Dwarf Sieva Bean. Equally as early and prolific, and producing much larger pods and beans. About two weeks earlier than the true Limas; it is very desirable for planting for an early supply, or in latitudes where the true Limas do not succeed well.

Field Beans are shown on page 45.

Beans with their high food value should have a prominent place in every garden. Save the shelled beans for winter use

Vick's Beets



VICK'S DETROIT DARK RED BEET

Rube, Ger. Remolacha, Span. Barbabietola, Ital.

FOR Beets the soil should be rich, mellow, and deep. Sow as early as the ground can be worked, in drills about one inch deep and in rows about fifteen to eighteen inches apart, dropping the seeds about two inches apart, and pressing the soil firmly over them. When the young plants are two to three inches high, thin to five or six inches. The young plants that are pulled out make delicious "greens," considered by many, superior even to spinach. It is a common practice to plant the seed extra thick to assure an abundance to these tender, fresh plants to use for this purpose. For winter use, the Turnip varieties may be sown the first week in June, and in October the roots can be stored in a cellar, and covered with sand to prevent shriveling; or they may be kept in pits out of doors. One ounce to fifty feet of drill; five pounds to an acre. The prices below are postpaid. Special prices on larger quantities.

Detroit Dark Red. The demand on us by market gardeners for a special strain of Detroit Dark Red Beet, uniform in shape, and with the dark red flesh so desirable in Beets, made it necessary for us to devote considerable time and effort in selecting and growing a strain that will please the most critical. In color and shape it is unsurpassed. Roots medium in size, globular, and very smooth; skin a dark blood-red; flesh deep bright red, fine-grained, tender and sweet, remaining so long after other varieties become woody. Tops small, admitting of close planting. The standard beet both for market and home gardener.

Packet, 10 cents; ounce, 20 cents; ¼ lb., 40 cents; lb., $1.00.

The Rochester or Improved Crimson Globe. A perfect Beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap-root, fine-grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort but one of the best for the kitchen garden, as it is extra early.

Packet, 10 cents; ounce, 25 cents; ¼ lb., 50 cents; lb., $1.25.

THE ROCHESTER BEET

Dewing's Improved Early Blood Turnip. Turnip-shaped, smooth, tender, and good. About ten days after Bassano. Pkt., 5 cts.; ounce, 20 cts.; ¼ lb., 40cts.; lb., $1.00.

Extra Early Egyptian Blood Turnip. A standard sort; ten to twelve days earlier than the old Blood Turnip; fine for forcing and for first early crop out of doors. Roots rich, dark crimson, with very small tap roots; flesh dark blood-red, zoned with lighter shade; crisp, sweet and a desirable and profitable Beet for the market gardener, as well as an exceptionally good variety for the home garden.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 50 cents; pound, $1.25.

Early Eclipse. This variety is exceedingly popular, and is one of the best early sorts. The tops are small, admitting of close planting, and the roots are globular in shape. Flesh fine-grained, very sweet, crisp and tender; dark red, zoned with a lighter shade.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Edmand's Early Blood Turnip. A market gardener's strain; regular in shape, round, with very small tap-root; flesh a deep blood-red, sweet and tender.

Packet, 5 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Crosby's Egyptian. A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep, blood-red. It is a rapid grower, attaining a usable size quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and extremely satisfactory for the small gardener as well as for the market. Packet, 10 cents; ounce, 25 cents; ¼ pound, 50 cents; pound, $1.25.

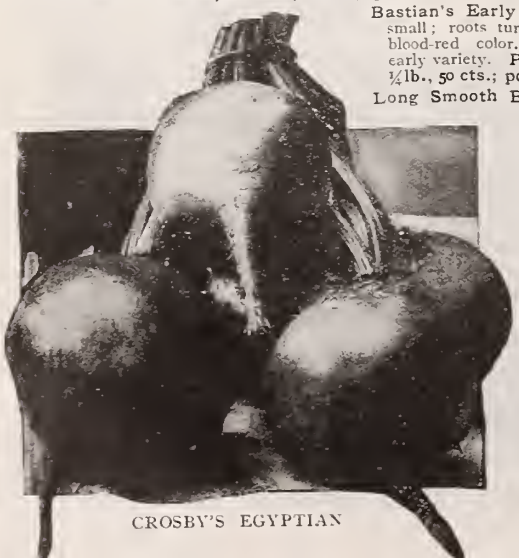
Bastian's Early Blood Turnip. Tops small; roots turnip shaped; flesh tender, blood-red color. An extra good medium early variety. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; pound, $1.25.

Long Smooth Blood Red. Tops large, with good-sized long roots, tapering, and growing even with the surface; dark red; flesh very sweet and tender, remaining so until spring. A popular winter sort.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 50 cents; pound, $1.25.

Vick's Early Market. For those who want an extra early variety, here is a good, new kind. Nearly globe-shaped with small tap root; flesh red, fine grained. It is especially recommended for Beet "Greens," being considered by many fully as delicious in flavor and quality as spinach. We have a fair supply this year and the price is very low. Pkt, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00

Early Wonder. A deep blood-red beet, nearly globular in shape, with a small, clean tap root and a small sized top. One of the earliest and most uniform bunching beets that can be grown. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. Packet, 10 cents; ounce, 25 cents; ¼ pound, 50 cents; pound, $1.25.



CROSBY'S EGYPTIAN

Have had great success with your seeds. Won first prize at the Fruit, Flower and Vegetable Exhibit here last fall. Have only a small garden, but what it lacks in size is made up in quality.

Watertown, Mass. *ALLERTON A. EDWARDSON.*

Their ease of culture, their high food value, the variety of ways in which they may be used make Beets an indispensible part of every garden.

Mangel Wurzel, for Stock Feeding

Mangel Wurzels are of especial value to the stockman and dairyman. The roots are juicy' sweet and nutritive, act as a mild laxative, and keep the cattle in good health, thus tending to produce flesh and increase the flow of milk. The owner of even one or two cows should grow a sufficient quantity of Mangels to provide fresh food in winter when green food is unobtainable. ***Especially now, when all kinds of grain are still expensive, stock owners should grow plenty of carrots and Mangels for winter feeding, since they furnish the largest amount of food value at least expense.*** For field culture the row should be wide enough to admit the horse cultivator, and the roots not nearer than one foot in the row. Sow five or six pounds of seed to the acre. **All varieties, ounce, 15 cents; ¼ lb. 40 cents; ½ lb., 60 cents; lb., 90 cents, postpaid. For larger quantities, 75 cents per lb., not postpaid.**

Sludstrup Barres. This and the following variety, Danish Taaroje, have been worked up under the direction of the Danish Government. As a result of careful selection, they have secured these improved Mangels, which yield a larger tonnage of sugar and other food material than ever before realized from any other variety. Our stock comes from a grower who was granted a First Class Certificate by the Danish government for the high percentage of sugar and solids contained in his crops of these kinds. Sludstrup Barres is the variety to sow on light, deep soil. It is long, reddish yellow, grows well above ground, and is easy to pull.

Danish Taaroje. This is the best variety for heavy or shallow soil. Danish Taaroje has all the good points of Sludstrup Barres, but is more dwarf, ovoid or olive-shaped, and grows more above the surface. In color it is a golden yellow.

Vick's Golden Giant. A Reliable Variety for the Stockman. Very productive Root of immense size, growing with half its bulk above ground, making it easy to harvest. Root uniform in shape, with a smooth, russet yellow skin flesh white, firm, and sweet.

Vick's Mammoth Long Red. This is truly a mammoth, a single root often weighing twenty to thirty pounds. The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, thirty to forty tons of roots per acre.

Golden Tankard. A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. The flesh, which is of a distinct, deep yellow, is very sweet and tender. The large roots are oval in shape, and therefore will pull easier.

Giant Half Sugar Rose. An excellent mangel rich in saccharine. Color deep rose. Keeps well.

Kelway's Best of All. One of the best varieties yet produced. Combines all good qualities of Golden Tankard, Danish Sludstrup and Golden Giant. Of good size, and high food value.

Red Globe. Enormously productive, superb quality, color light red

A FIELD OF GOLDEN TANKARD MANGEL

SUGAR BEETS

When planted for a sugar crop, from six to eight pounds of seed will be required for an acre. Seed may be sown in drills twenty to thirty inches apart. When beets are up two or three inches high, they should be thinned out so as to stand from six to eight inches apart. Discontinue cultivation after formation of roots has commenced. On account of the amount of saccharine contained in the Sugar Beet, it is much relished by stock, and as a fattener it is very desirable.

All varieties, except as noted, oz., 15 cts.; ¼ lb., 40 cts.; ½ lb., 60 cts. lb., 90 cts., postpaid; larger quantities 75 cts. per lb., not prepaid.

Klein Wanzleben Sugar. Is being cultivated almost exclusively for sugar, on account of its great yield of saccharine matter. It gives good returns in any ordinary soil.

Imperial White Sugar. One of the sweetest and best of Sugar Beets. Very productive and desirable for stock of all kinds.

Vilmorin's Red-Top Sugar. Matures earlier than other varieties of Sugar Beet, and yields a good percentage of sugar. A heavy cropper, largely grown for cattle feeding. **Oz. 15 cts.; ¼ lb., 45 cts.; ½ lb., 70 cts.; lb, $1.00, postpaid; larger quantities 80 cts. per lb., not prepaid.**

DWARF GREEN CURLED SCOTCH KALE

FOLIAGE BEETS, Swiss Chard

Used for Leaves and Leaf-Stalks Only

Swiss Chard is a delicious vegetable that can be very easily grown. Europeans value it very highly, and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly.

Packet, 10 cents; oz., 25 cents, ¼ lb., 50 cents, lb., $1 40. Except as noted

Beck's Improved Sea Kale. A variety of Beet with tender leaves, popular for cooking as "greens"; if sown at the same time as the garden Beet it will be fit for greens much earlier. The large leaves may be cut from time to time all summer. The middle of the leaf is cooked and served like Asparagus; the other portions used like Spinach.

Packet, 10 cents; oz.; 35 cents; ¼ lb., 75; lb., $2.50.

Large-Ribbed Scarlet Brazilian. Stems and veins a beautiful crimson color; use the same as Sea Kale also fine for garnishing.

Large-Ribbed Yellow Brazilian. Same as above, except in color, which is golden yellow. Leaves slightly crinkled ribs or leat stems tender and juicy.

Large-Ribbed Silver. Produce large, light colored leaves thick and tender for use as greens and the stumps are large and crisp and an excellent substitute for Asparagras.

Lucullus or Giant Chard. One of the most popular varieties in the American market. Stalks as thick and broad as Rhubarb, leaves very large and crumpled. A splendid "Spinach" beet. Don't fail to plant "Chard" this spring.

BORECOLE or KALE

A hardy plant of the Cabbage family, of easy culture, extensively grown for greens. Sow seed early in June and transplant. Culture same as for Cabbage. One ounce will sow a drill 300 feet in length.

Packet 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.00.

Tall Green Curled Scotch. Finely curled; very hardy; one of the best.

Dwarf Green Curled Scotch. Dwarf, beautifully curled, and bright green; hardy, and may be cut from the ground all the early part of winter.

Moss Curled Half-Dwarf. Finely cut, beautifully curled, deep green.

BROCCOLI

White Cape. This is a vegetable very similar to Cauliflower, but hardier and easier grown. Will be found very valuable as a substitute for Cauliflower in the Southern States for very early spring or late fall planting but will not do well during the heat of the summer. Where the falls and winters are mild it is a splendid late crop. **Pkt, 15 cents; ½ oz., $1.75; oz., $3.00; ¼ lb., $5.00**

If you are fond of greens nothing will suit you better than Swiss Chard. Try some in your garden this season

VICK'S CABBAGE

Repolio, Span.. Cavolo Capopucci, Ital.

THE economic importance of Cabbage as a food crop is more thoroughly recognized today than ever before. The enormous tonnage of Cabbage required to feed the modern city furnishes a profitable market to thousands of growers. Cabbage adds variety to the list of fresh vegetable food for the table nearly the whole year through. It is so easily grown, and may be kept through the winter so easily, that a few heads should be grown in every garden Realizing the importance of Cabbage as a factor in food supplies and as a table delicacy, we give special attention to our stock of seed, and believe our strains are the best obtainable at any price.

Seed of early kinds should be started under glass; the late kinds outdoors, protected from late frosts. When the permanent bed is ready, the plants, which should have at that time about four to six leaves, should be transplanted to the garden; the small, early kinds about eighteen inches apart; the larger varieties in rows three feet apart, two feet apart in the row. About four ounces of seed are required per acre.

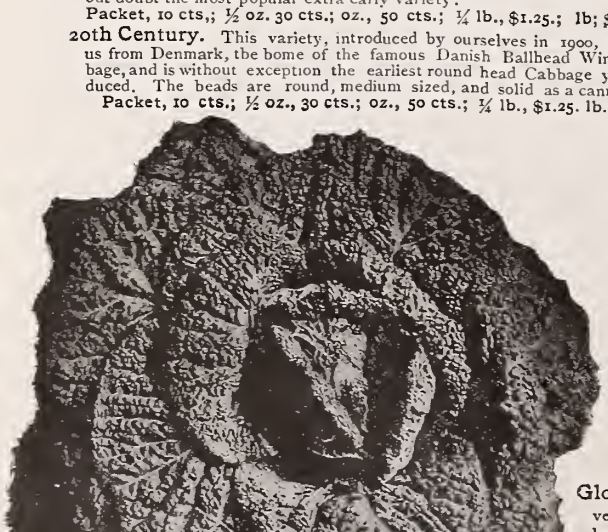
To those growing for market we shall be pleased to quote special prices on large lots.

Selected Early Jersey Wakefield. The heads are conical in shape, solid, and compact. The quality is very firm, sweet and tender. Without doubt the most popular extra early variety.
Packet, 10 cts,; ½ oz. 30 cts.; oz., 50 cts.; ¼ lb., $1.25.; lb; $3.50.

20th Century. This variety, introduced by ourselves in 1900, came to us from Denmark, the bome of the famous Danish Ballhead Winter Cabbage, and is without exception the earliest round head Cabbage yet introduced. The beads are round, medium sized, and solid as a cannon ball.
Packet, 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.25. lb., $3.50.

Charleston, or Large Wakefield. A strain of Wakefield in which the heads are much larger and not so pointed; matures about a week later.
Packet, 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.25, lb; $3.50.

Early Winnigstadt. A distinct second early sort, and an old favorite for general cultivation. Very hardy, and a sure-heading variety. The heads are uniform in size, sharply conical in shape, and very solid. It is especially valuable for early use. but it also makes a good winter crop on account of its solidity, and short, thick leaves.
Packet, 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.00. lb; $3.25.



IMPROVED AMERICAN SAVOY

All-Head Early. Deep, flat head. Very uniform in size and color. The earliest of all extra large Cabbages. The leaves are compact, thus admitting close planting. A good keeper, desirable for both early fall and winter.
Packet, 10 cents; ½ oz., 30 cents; oz., 50 cents; ¼ lb., $1.00. lb; $3.00.

Improved Early Summer. It is a large-heading, second early variety, nearly round, somewhat flattened, solid and uniform in size, and will keep longer without bursting than most of the early sorts.
Packet, 10 cents; ½ oz., 30 cents; oz., 50 cents; ¼ lb., $1.00. lb; $3.00.

Copenhagen Market. One of tbe best carly Cabbages either for the home garden or for market purposes. Everyone familiar with Cabbage knows the old and popular Danish Ballhead, the best of all the late Cabbages. This new medium early variety, ripening with the Charleston Wakefield, also originated in Denmark, and is as good in its class, as tbe old favorite Danish Ballhead. The stem is sbort, the head round and solid. When ready for cutting, Copenhagen Market is the heaviest of the medium early varieties, and if left until fully mature, frequently weighs eight to ten pounds. The leaves are small, compact and close to the head, admitting of close planting. The inside is fine grained, tender, pure white and compact. Either for the home garden or market it is one of the leaders. Keeps well until midwinter.
Best Danish grown, packet, 15 cents; ½ oz., 40 cents; oz., 60 cents. ¼ lb., $1.35. lb; $4.00.

Glory of Enkhuizen. One of the best second early varieties. Earlier than All Seasons, very solid, nearly round, approaching closely in this respect tbe new Copenhagen Market, as it does also the hardiness and solidity of that variety. It has few outer leaves and can be set closer than other varieties. It is an excellent variety to follow Copenhagen Market.
Danish grown, packet, 15 cts.; ½ oz., 40 cts.; oz., 60 cts; ¼ lb., $1.35. lb; $4.00.

Improved American Savoy. The Savoy Cabbages deserve to be better known in America. They are superior to other Cabbages for cooking, having greater tenderness and delicacy of flavor. Improved American Savoy is the best of all either for market or kitchen garden, and a reliable header. The heads are large, solid, and possess a fine delicate flavor. The curled and crimped leaves are of a dark rich green color.
Packet, 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb;, $1.00. lb; $3.00.

Vick Quality in Cabbage Seed may make all the difference between a crop of cabbage heads and a crop of cabbage leaves

Volga. We consider this a very profitable Cabbage for a fall crop. The heads are extremely solid, large, round as a ball, of uniform size, and do not crack; few outer leaves and a short stem. Not only do our field tests on our own trial grounds prove its worthiness, but many of our customers testify to its value by prefering it to any similar variety.
Packet, 10 cts.; ½ oz., 30 cts.; oz., 55 cts; ¼ lb., $1.25; lb. $3.75

All Seasons A very superior, sure-heading, long-keeping sort, unsurpassed by any other. The heads are large, nearly round, somewhat flattened, very solid, and of the best quality. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.00; lb. $3.00

Autumn King or World Beater. Grows to an enormous size, making heads as solid as a rock, and coming uniformly true to type. It can be relied upon to produce a crop of greater weight from the same space of ground than most of the late sorts, having few outer leaves.
Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.00. lb. $3.00

Louisville Drumhead. A variety grown largely by market gardeners in the Southwest. It stands hot weather better than most sorts, and is a sure cropper.
Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts; ¼ lb., $1.00 lb. $2.75

Improved Succession. A popular sort, about ten days later than Early Summer. Heads large, uniform, solid and of excellent quality. Keeps well after cutting.
Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.00; lb. $3.00

Premium Late Flat Dutch. An old, reliable, and popular Cabbage. It produces large, solid heads of superior quality, keeping in best condition for a long time. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts; ¼ lb., $1.00 lb. $2.75.

Mammoth Rock Red. This is a fine red Cabbage and a most reliable header. The quality is excellent. The head is extra large, round, very solid and of a deep red color.
Packet, 10 cts.; ½ oz., 40 cts.; oz., 60 cts.; ¼ lb., $1.35 lb. $4.00

Surehead. One of the best main crop or late varieties, being very hardy, sure heading and of delicious flavor. Heads are large, broad, slightly flat, and very solid. Very tender and sweet. Excellent for the home garden or for field culture.
Packet, 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.00; lb., $2.75.

Danish Stonehead. Another good reliable red cabbage, "hard as a stone," and a good keeper.
Pkt., 10 cts.; ½ oz., 40 cts.; oz., 60 cts.; ¼ lb., $1.35; lb., $4.00.

Chinese or Pe-Tsai Cabbage

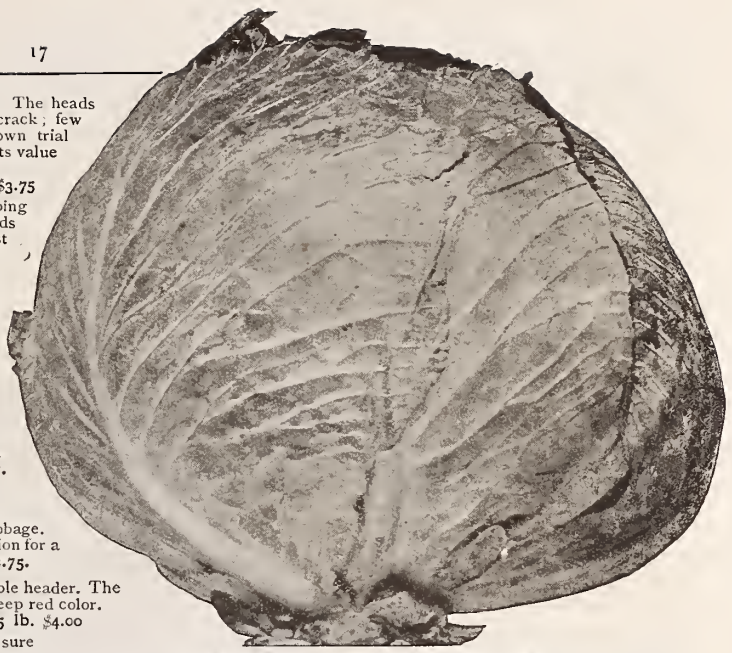
This is often called Celery Cabbage. It grows rapidly and matures heads in less time than other varieties. Requires no transplanting.

The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It has a distinctive flavor, very mild and pleasant. It can be served as a salad like Lettuce or cooked like other Cabbages.

Chinese Cabbage should be sown in this latitude at the same time as Turnips, after the first of July. Early plantings run quickly to seed in hot weather. Sow in drills 14 to 20 inches apart, and thin the seedlings 2 or 3 times, or, if grown for the market, start in boxes and transplant like late Cabbage.

Pkt., 10 cents; ½ oz., 30 cents; oz., 50 cents; ¼ lb., $1.00; lb., $3.00.

ALL SEASONS CABBAGE



VICK'S IMPROVED DANISH BALLHEAD

If you want to make money out of cabbage, plant Vick's Improved Danish Ballhead. It is the most uniformly high quality late variety with which we are acquainted. Our stocks are the best obtainable direct from the most reliable Danish growers.

Vick's Improved Danish Ballhead. Heads hard, solid, tender, and crisp. The leading late sort. Danish Ballhead is more largely grown for market than any other late variety, and without a doubt is the best of the late sorts. It frequently commands a higher price in the market than any other late variety. It is remarkable for the solidity of its heads and long-keeping qualities. The heads are of medium size, measuring from eight to ten inches in diameter, with few outer leaves, admitting of close planting; exceedingly fine-grained, hardiest of all, tender, crisp, solid, with no waste heart. Under fair conditions will average six pounds per head.
Packet, 10 cts.; ½ oz., 35 cts.; oz., 55; ¼ lb., $1.25; lb. $3.75.

Vick's Short-Stemmed Early Danish Ballhead. A choice strain selected from the famous Danish Ballhead Cabbage, that has become one of the best and most popular sorts both for home and market growing. The heads are very large; as round as balls and as solid as bullets. It is short-stemmed and as strong and vigorous as any American variety. Fully two weeks earlier and will keep and ship as well as Danish Ballhead. Packet, 10 cents; ½ oz., 35 cents; oz., 55 cents; ¼ lb., $1.25; lb. $4.00

While there are many strains of Danish Cabbage, innumerable tests prove that our stocks are without a superior.

Since we first introduced the old-fashioned strain of Danish Ballhead years ago the variety has been steadily improved. We have sold a good many tons of both Improved Danish Ballhead and Short-Stemmed Early Ballhead, and it is safe to say that in a very large percentage of cases growers have found the use of our seed a money making proposition. Occasionally crops may be large and the prices low, or prices high and crops short, but for the man who grows our strain of Danish Ballhead year after year in a business-like way, not merely once in a while—gambler fashion—there is money in Vick's Danish Ballhead Cabbage.

The Danish Ballheads are particularly adapted to the Northern States, and do no reach perfection in the warm southern climates.

OTHER STANDARD VARIETIES OF CABBAGE

In addition to the varieties described above in detail, we offer the following excellent standard sorts:

Early Spring, Early Drumhead, Large Late Drumhead, Pkt., 10c.; ½ oz., 35 c.; 1 oz., 50c.; ¼ lb., $1.00; lb. $2.75.

The seeds, bulbs and plants you sent me in the order have all grown fine. I will send you another order for shrubs and trees this fall.
Alger, Ohio. *Raymond Ankerman.*

Red cabbage has been growing in popularity of late because of its attractive color for use in salads and other dishes

VICK'S CARROTS

MODERN cooking methods furnish numerous recipes in which Carrots are a most delicious dish. Creamed, alone, or in combination with Peas or other vegetables, they meet the approval of the most epicurean taste. They are used extensively in the best restaurants. For home use they are deservedly increasing in popular favor, not only as a table delicacy, but because of their high food value. For stock feeding the nutritive value of Carrots surpasses most other vegetables. Every stock owner should plant at least a small acreage of Carrots to supplement his fodder ration next winter to take the place of grain. In proportion to other costs they furnish very cheap food. Sow in drills one-half inch deep, one ounce for 100 feet; three to four pounds per acre.

Earliest French Forcing. The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. It is also one of the best sorts for the table; delicate, fine grained, and remarkably fine flavored. It is used by leading gardeners for bunching for early market. Root orange-red. Top very small.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $1.25.

Early Scarlet Horn. This is a favorite for the early crop. It is not large, and is sold extensively in all markets bunched. The tops are small; roots top-shaped, stump-rooted, therefore easily pulled. Grows well in shallow soil.
Packet, 30 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.10.

Half-long Nantes Stump-rooted. Of medium size, admirably adapted for bunching, and one of the best for summer use in the home garden. Roots about six inches long, very smooth and cylindrical, with no core; very sweet and tender.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.10.

Chantenay Stump-rooted. One of the best early Carrots in cultivation. In shape it is midway between the Half-Long Nantes Stump-Rooted and the Guerande or Oxheart varieties, nearly equaling the former in length, and having the broad shoulder and tapering root of the latter. Its color is orange-red; the flesh crisp and tender. Early and a heavy cropper. A Carrot which market gardeners should plant as a main crop.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Guerande or Oxheart. This variety has given great satisfaction. While not attaining one-half the length of many other varieties, it will compare favorably in bulk of crop, as on good land it will produce Carrots from 2½ to 3 inches in diameter. The crop can be pulled by hand. Excellent for table use, as well as for stock. Roots are about six inches long, smooth and cylindrical; no core; sweet and tender.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Danvers Half-Long Orange. A first-class variety; flesh dark orange. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp and tender. A great favorite with market gardeners; also valuable for a field crop.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

St. Valery Intermediate. One of the best and handsomest main-crop Carrots. The roots are symmetrical, tapering regularly from the shoulder to tip, smooth, and free from side roots. Enormously productive. Very desirable for private gardens, as well as for market.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Improved Long Orange. It grows to a large size, some specimens measuring twelve inches in length. Enormous crops can be grown under fair culture. One of the best varieties for feeding stock.
Packet, 5 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Improved Short White (Vosges). For a field Carrot this is unexcelled. The roots are short, very heavy at the shoulder, tapering to a point, and therefore easily harvested. Especially suited to shallow soils.
Packet, 5 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Belgian Carrots. The great stock-feeding Carrots of Europe. Grow to a large size. Very productive. Orange Belgian, White Belgian, each,
Packet, 5 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

CHANTENAY STUMP-ROOTED CARROTS

CIVES OR CHIVES

These are very hardy perennial plants, belonging to the Onion family. They are grown exclusively for their tops, which are used for giving a mild onion-like flavor to soups, stews, etc. Planted in clumps in any good garden soil, they grow readily, and increase with such rapidity that they can be subdivided frequently. The tops appear very early in spring, and can be cut throughout the season.
Roots, per bunch, 25 cents.

CORN SALAD, Fetticus

A favorite salad plant in Europe, used in winter and spring as a substitute for Lettuce. The leaves are sometimes boiled and served as Spinach. It is hardy and quick-growing. Sown in August and September, in drills one foot apart, and protected with a few leaves or straw during winter, it can be gathered very early in spring. Sown in April it is soon fit for use. The soil for Corn Salad should be very rich. Sow two ounces to 100 feet of drill.
Packet, 10 cents; oz., 25 cents; ¼ pound, 60 cents; lb. $1.50.

CRESS, Peppergrass

Cress or Peppergrass may be used to excellent advantage for salads, garnishing, or as an addition to winter Lettuce and other salad plants, to which it gives a pungent relish. It should be sown in a botbed or in a sheltered spot in the garden, quite thickly and in shallow drills. The rows, under glass, should be three to six inches apart; in open ground, one foot apart. Cress matures very rapidly and, since it is useful only when young, a fresh lot should be sown every week. May be planted in pots and boxes and grown in a sunny window. Leaves may be chopped off as desired.
Packet, 10 cts.; oz., 25 cts.; lb., $1.50, except where noted.

Fine Curled. Rapid growing, dwarf and compact. The leaves are crisp, pungent, finely cut and ornamental, and are excellent either as a condiment or for garnishing. Will bear cutting several times.

Broad-Leaved Garden. One of the best for upland culture, better than mustard as greens and a good flavoring for soups.

Australian. Leaves delicate green; flavor mild and fine. Good winter salad.

Water. Highly esteemed for salads and garnishing. Does well without care in mucky situations, or on the edge of streams, in shallow water. Perfectly hardy. Packet, 10 cents; oz., 50 cents.

DANDELION

Sow as early in spring as the weather will permit, in well-enriched soil, in rows eighteen inches apart, covering the seed one-fourth of an inch deep. Thin the plants to twelve inches apart. Keep clear of weeds, and the following spring the leaves will be fit to cut. One ounce is sufficient for 100 feet of drill.

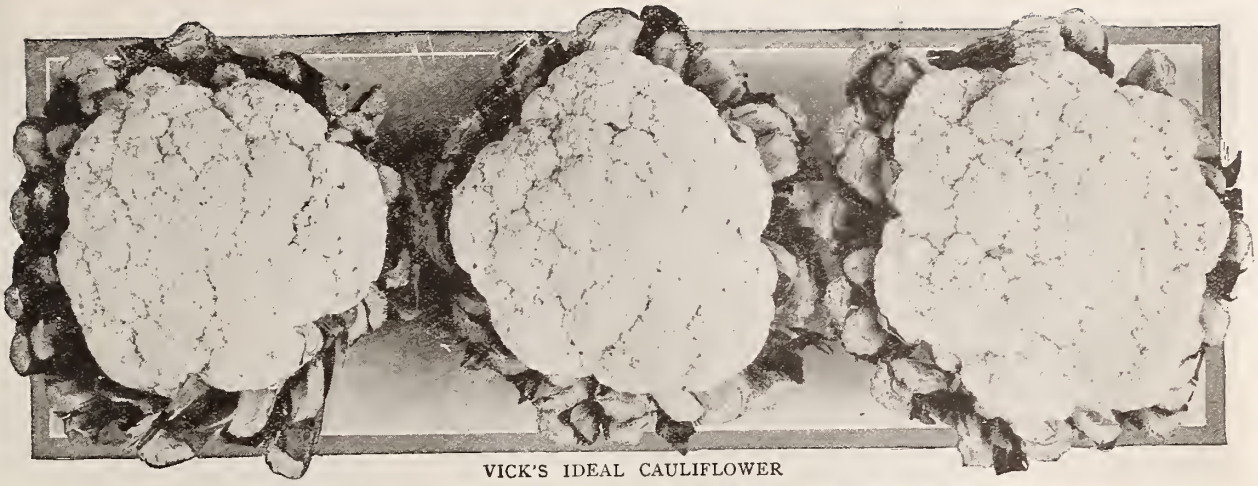
Improved Thick-Leaved. This variety is considered one of the best for spring "greens." Packet, 10 cents; oz., 75 cents.
Common. Packet, 10 cents; oz., 50 cents.

Citronville, Ala., 1-20-20.

I have used your seeds for years, can find none that equal them.

MRS. W. F. BROWN.

For the Home Garden, delicately flavored Carrots; for Farmer and Stockman the heavy tonnage, money-making sorts



VICK'S IDEAL CAULIFLOWER

VICK'S CAULIFLOWER

Blumenkohl, Gr. Coliflor, Span. Cavoloflore, Ital.

CAULIFLOWER demands a rich loamy soil and an abundance of water. Sow seed for an early summer crop in February or March, in a hotbed, and when plants are three or four inches high transplant four inches apart in boxes or frames. In the middle of spring, or as soon as the gardener deems it prudent, the plants can be removed to the open ground. Set plants from two to two and a half feet apart each way. For late Cauliflower sow seed in a cool moist place, in the latitude of Rochester, about the first of May. One ounce will produce about 3,000 plants.

SAGE

Vick's Ideal. Unquestionably the leading variety for market and private use *For reliability of heading and size and solidity of heads* it is superior to any other variety. It is almost sure to head, even under unfavorable circumstances, and will attain an enormous size under favorable cultivation. **Packet, 20 cts; ¼ oz., $1.25.; oz., $4.00**

Vick's Danish Giant (Dry Weather). Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, large, solid heads. In districts where heretofore it has been impossible to grow Cauliflower, this fine variety has proven a success. It is ready for market or table about a week later than Erfurt Earliest Dwarf.
Packet, 20 cents; ¼ oz., $1.00; oz., $3.00.

Early Snowball. Next to Vick's Ideal we can recommend Early Snowball as one of the earliest and surest heading varieties. Its dwarf habit and short outer leaves allow it to be planted very close—eighteen to twenty inches apart. It is well adapted for forcing under glass throughout the winter and spring. It gives a pure snow-white, medium-sized head. **Packet, 20 cents; ¼ ounce, $1.00; oz., $3.00.**

Danish Perfection One of the best early varieties, much like Snowball, but a week later. Has an abundance of outer leaves making it especially easy to blanch. No leaves protrude through head.
Pkt., 20 cts.; ¼oz., $1.25; oz., $4.00.

Erfurt Earliest Dwarf. This variety will stand the test with any extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. For a general all-round market garden variety we highly recommend the Erfurt strain.
Packet, 20 cents; ¼ oz., $1.00; oz., $3.00.

Early Paris, or Nonpareil. This is a well known standard French variety, producing very early, good-sized, pure white heads, which are tender and delicious. **Packet, 10 cts.; ¼ oz., 50 cts.; oz., $1.50.**

Veitch's Autumn Giant. A distinct and valuable late variety, producing large heads, pure white, firm and compact. Being thoroughly protected by the foliage the head remains a long time fresh and fit for use. **Packet, 10 cents; ¼ oz., 35 cents; oz., $1.00; ¼ lb., $3.00.**

Large Late Algiers. One of the best late sorts. Grown largely for fall use. It is a sure header, and endures without injury, a freeze that would materially affect other sorts.
Packet, 10 cents; ½oz. 65 cts.; oz., $1.00; ¼ lb., $3.00.

USEFUL HERBS

Each, per packet, 10 cents.

Why not utilize the corners for a few Pot and Sweet herbs? They thrive best in a rich, mellow soil. Sow the seed early in spring in shallow drills, one foot apart; when up two or three inches transplant. The leaves and stems may be used for flavoring during the summer and dried for winter use. Gather the herbs on a dry day, just before they have come into full blossom. Tie in bunches and hang them where they dry quickly. Items starred (*) are perennial.

Anise, for garnishing and flavoring.
Basil, Sweet, for flavoring soups, etc.
Borage, leaves used as salad and flavoring.
***Caraway**, seeds used in liquors and bread.
***Catnip**, has medicinal qualities.
Coriander, seeds aromatic. (For confectionery and culinery purposes.)
Dill, seeds used for flavoring pickles.
***Fennel, Large Sweet**, for flavoring.
***Hoarhound**, cough remedy.
***Lavender**, medicinal.
True Lavender, ornamental.
Marjoram, Sweet, for flavoring.
***Rosemary**, aromatic.
***Rue**, medicinal.
Saffron, medicinal, also for dying.
***Sage** culinary and medicinal.
Savory, Summer, culinary herbs.
Savory, Winter, culinary herbs.
Sorrel, French, cooked like spinach.
***Thyme**, medicinal and culinary.
Thyme. Broad-Leaved, or Winter.
Thyme Summer.
***Wormwood**, medicinal.
Lavender Roots, by mail, each, 15 cts.; doz., $1.50.
Sage Roots, by mail, each, 15 cents.; doz., $1.50.

EARLY SNOWBALL

Try raising Cauliflower this year. By following directions anyone can supply himself from his garden with this delicious vegetable

VICK'S CELERY

Celery seed is slow to germinate, and when early plants are wanted it should be sown in a bothed in February or March, barely covering the seed. When the plants are large enough, transplant into coldframes, one and one half inches apart; water and attend carefully; keep the temperature moderate; and when the weather is suitable, from middle of May till June, transplant into the open ground. For main crop or home garden, sow in shallow drills in the open ground, as soon as the soil can be worked. Rolling or pressing in the seed will give more satisfactory results than merely covering it. See that the bed is kept well watered. When the plants are two inches high, thin out to three inches apart in the rows; and when four inches high, cut off the tops to make the plants stocky. The best time to plant is that which will bring the plants to maturity during the cool, moist weather—in this locality from the middle of June to early in July. Never hoe or earth up in moist weather, or when the plants are wet with dew, as it would cause serious injury. One ounce of seed will produce 4,000 to 5,000 plants. **One-fourth to one-half pound per acre.**

Golden Self-Blanching

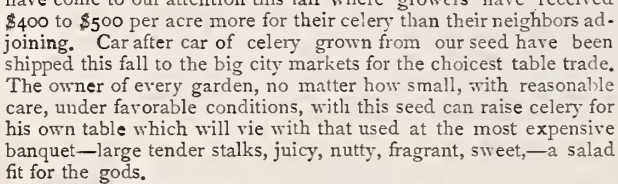
Vick's Special French Grown Seed

No other Celery offered to the American people approaches this variety in quality, flavor, color or habit of growth

Golden Self-Blanching forms a solid stalk, tender and crisp; the delicate cream-yellow color makes it attractive when offered for sale as well as inviting when on the table. The flavor is of the best—rich and nutty. In habit of growth it is stocky, uniform in height, and very compact. This variety originated in France and our seed is grown by the originator, who ships it directly to us; it is the best that money will buy.

Without exception truckers and market gardeners who grow this variety get top notch prices in the market. Numerous instances have come to our attention this fall where growers have received $400 to $500 per acre more for their celery than their neighbors adjoining. Car after car of celery grown from our seed have been shipped this fall to the big city markets for the choicest table trade. The owner of every garden, no matter how small, with reasonable care, under favorable conditions, with this seed can raise celery for his own table which will vie with that used at the most expensive banquet—large tender stalks, juicy, nutty, fragrant, sweet,—a salad fit for the gods.

Packet, 15 cents; ½ oz., 60 cents; oz., $1.00; ¼ lb. $3.00.



A glimpse of a field of celery which brought is owner, who, by the way, used to be connected with this house and who, therefore, knows the history of this particular strain, and places his order here every year, more than five thousand dollars, simply because of the high quality, tenderness, crispness, fragrance, sweetness and high bred charactertistics of plants grown from this special strain.

Vick's American Grown Self-Blanching Celery

It has for years been a well recognized fact that the best strains of Celery, especially of the Self-Blanching kind, have come from a small section of France. Until recently we had never found a strain of American seed in which we had the slightest confidence.

Owing to conditions in Europe, it has been a difficult matter to secure seeds from that source. We, therefore, arranged with one of the leading growers of Celery in this country, to produce a crop of seed from the original French stock. This seed has been thoroughly tested and has proven very similar to the French in style of growth, solidity and color. Some of our leading Celery growers in this vicinity are now using all American grown seed, and pronounce it very satisfactory.

Pack, 10 cent; ½ oz. 35 cents; oz. 50 cents; ¼ lb. $1.50

Rose-Ribbed Self-Blanching. This magnificent sort comes to us from the originator, the grower of our market garden strain of Golden Self Blanching, and resembles in general character that most valuable variety. The stalks are large, thick and beautiful, tinted with rose color at the base while the upper part of the stems, particularly the hearts, are a deep, rich yellow. **Packet, 10 cents; ½ oz., 35 cents; oz., 50 cents; ¼ lb., $1.50.**

Vick's-Easy Blanching. A splendid second early variety of recent introduction. Stalks dwarf, white and solid; foliage light green. Flavor is excellent. Unlike most early varieties "Easy Blanching" is a good keeper.
Packet 10 cents; ½ oz.; 25c.; oz., 40c.; ¼ lb., $1.00.

White Plume. A variety especially adapted to cultivation by amateurs as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. Tender crisp, and of good flavor. **Packet, 10c.; ½ oz., 25 c.; oz., 40 c.; ¼ lb., $1.00.**

Improved Golden Heart. A selection from the old favorite Golden Heart Celery. Grown extensively for private use as well as for market. Improved Golden Heart is one of the finest late varieties. The heart, when blanched is a rich golden yellow.
Packet, 10 cents; half oz., 15 cents; oz., 25 cents; ¼ lb., 75 cents.

Winter Queen. A splendid new variety, having the long keeping qualities of the winter celery and blanching easily, like the Golden Self-Blanching. Hardy, vigorous and of fine quality.
Packet, 10 cents; half oz., 20 cents; oz., 35 cents; ¼ lb. 75 cents.

Giant Pascal. This is a selection from the Golden Self-Blanching Celery. The stalks are very large, thick, solid, and crisp and keep well into the winter. It has a fine nutty flavor, and is free from any trace of bitterness. It blanches with but slight earthing up and retains its freshness a long time after being marketed. **Packet, 10 cts; ½ oz., 20 cts; oz., 35 cts; ¼ lb., 75 cts.**

Columbia. In season this variety closely follows Golden Self-Blanching but blanches later in the fall. The foliage and stalks, light green in summer, turn a golden yellow when blanched. The stalks are large, fine grained and of extra good flavor. This variety keeps well for early winter use. Very popular as a shipping variety, and equally good for the home garden. **Packet, 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.**

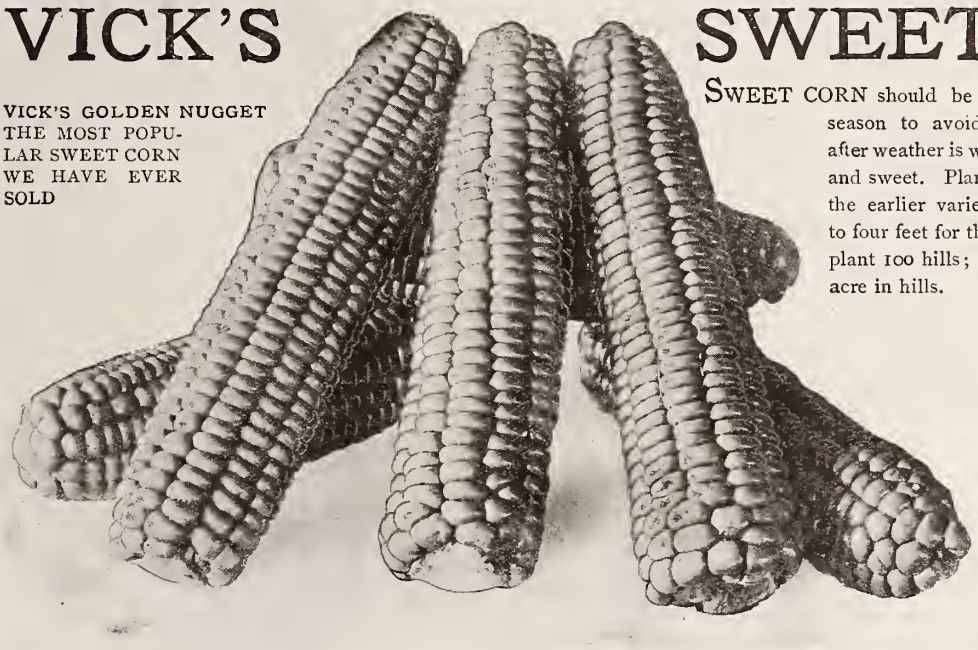
Turnip-Rooted (Celeriac) Large Smooth Prague. An improved form of the Turnip-rooted Celery. Roots large, round and smooth, and free from side roots; a profitable variety for market gardeners. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable. **Packet, 10 cts; ½ oz., 20 cents; oz., 35 cts; ¼ lb., 90 cts.**

Celery Seed for flavoring. (Not for planting.) Excellent for seasoning soup. **Ounce, 10 cents; lb., 70 cents.**

For the Home Garden, Paris Golden Dwarf Self-Blanching, very attractive color, exceedingly tender and of excellent flavor.

VICK'S SWEET CORN

VICK'S GOLDEN NUGGET
THE MOST POPULAR SWEET CORN WE HAVE EVER SOLD



SWEET CORN should be planted late enough in the season to avoid cold weather. Does best after weather is warm and soil becomes mellow and sweet. Plant in hills, three feet apart for the earlier varieties, and three and one-half to four feet for the late ones. One pound will plant 100 hills; sixteen to twenty pounds an acre in hills.

Vick's Golden Nugget

The most popular Sweet Corn we have ever sold.

Ready for table use only a few days after Golden Bantam.

Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents. For prices on larger quantities, see page 44.

The greatly increasing demand for our Golden Nugget Corn has made it absolutely necessary for us to add each year to the number of acres of this variety on our Seed Farms to fill our orders. Its hardiness and productiveness are two of its strongest characteristics. See accompanying photos. It produces usually two or three, and occasionally as many as four ears to a stalk. The ears are large, from 2 to 2½ inches in diameter, fully seven inches long, and having 10 to 14 rows of plump, tender, sweet and milky kernels. It is particularly attractive when cooked, showing a rich creamy color—and it tastes just as good as it looks, far excelling any other yellow variety except Golden Bantam in quality and flavor. In season Vick's Golden Nugget follows Golden Bantam, maturing about a week later, when planted at the same time. The yield is double that of Golden Bantam, the plants of Golden Nugget being from one to two feet taller, the ears larger, and more to the stalk.

Vick's Golden Nugget has been developed on our own farms with the idea of producing the very best corn obtainable.

Vick's Golden Nugget is frequently specified on the menus of the largest and finest hotels in New York, Philadelphia, Chicago and other cities.

I could get some seed nearer but do not dare depend on it. Vick's seeds have been coming to my family for about fifty years.
The Golden Nugget Corn could not be better. We always plant it and always have a splendid crop of it; all we can eat.
Adams, N. Y. *MRS. F. D. FLAHERTY.*

I find Vick's Golden Nugget Corn superior for this region to any other variety. Three days later than Bantam, much larger and as near the same quality as possible, with a longer season
Mechanicville, N. Y., April 21, 1920. *A. D. CARRIER.*

VICK'S GOLDEN NUGGET
Its great productiveness is one of its strongest points. Note the four ears to the stalk.

FIRST EARLY VARIETIES

Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, except as noted.
For larger quantities see our special prices on page 44.

VICK'S MORNING DEW SWEET CORN The Largest Extra Early White Sweet Corn Ever Developed. Offered by us for the first time last season. Developed after several years of careful plant breeding and selection. While the ears are as large as the late kinds they mature only a week or ten days later than Golden Bantam. In quality and flavor it is unsurpassed by any other White Sweet Corn. Extremely prolific, it will regularly yield three to six ears to the hill. For the truck gardener this variety is a wonder, as the large handsome ears coming so early in the season, are readily sold at fancy prices. See inside front cover for illustration in natural color.

Vick's Earliest of All. This is in *fact* the "earliest of all." Very excellent, tender, and sweet. To market gardeners this variety is of great value, as the first Sweet Corn will bring two or three times the price commanded when the supply becomes general. Also desirable for the home garden.

Mammoth White Cory. An excellent sort, but little later than Earliest of All. In fact our selection of seed stock and careful growing of this strain make it the largest and best extra early in our list. The stalks are large, and each stalk bears two or more large, fine-shaped twelve-rowed ears; remarkable for its good quality for so early a sort. All gardeners who cater to the best trade should plant this variety.

Early Minnesota. An old and popular dwarf variety. Ears fine, of good, sweet quality. Desirable for both the market and private garden.

If you do not grow your own Sweet Corn always insist on Vick's Golden Nugget when buying from your grocer

FIRST EARLY VARIETIES—Continued

Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents, except as noted.

Extra Early Golden Bantam. Golden Bantam is early, very hardy and will stand planting earlier in the season than other varieties. It grows about four feet high, bearing one or two medium sized ears of a rich, golden, yellow color. When cooked is exceedingly sweet and tender. It is considered one of the best and most popular varieties ever introduced.

Dreer's Aristocrat. Is an extra early variety following Mammoth Cory in season. Stalks grow from four to six feet high and ears of large size. A most desirable corn, with exceedingly large ears for an early drawf sort; the grains are extremely sweet, broad and deep. Indeed, it is the best of the pink grained varieties; very productive.

LATER VARIETIES

Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents. except as noted.
For prices on larger quantities, see page 44.

Vick's Narrow Grain Evergreen. A splendid, high quality evergreen slightly earlier than Stowell's. Ears are nearly as large, with small cob containing 18 to 20 rows of deep, narrow, white grains. Sweet, tender and delicious. A very valuable addition to our list of sweet corn. A good variety for canning.

Perry's Hybrid Sugar. A very popular and remarkably long-eared sort for one so early. Ears ready for use a few days later than the Early Cory and Minnesota, but double the size of either. Ears twelve-rowed kernels large, tender and deliciously sweet. Stalks of great vigor, about six feet high, with two perfect ears to the stalk.

Early Evergreen. This fine variety is from ten to twelve days earlier than Stowell's; and though it is not quite as tall, it yields large, handsome ten or twelve-rowed ears.

Stowell's Evergreen. For many years this variety has stood at the head of the list of late Sweet Corn, and it bids fair to hold the position for years to come. For main late crop, for the family garden, for the market grower and the canner, it is unexcelled. Stalk strong, bearing two 12-rowed ears with large sweet kernels. Remains in good condition for some time after gathering, thus continuing the season after frosts.

Black Mexican. The ripe grain of this novel variety is black or bluish black, but when in condition for the table looks remarkably white. This is considered the sweetest and most tender of any variety of Sweet Corn. Excellent variety for popping.

Country Gentleman. A delicious Corn for family use. The ears are good-sized and produced in great abundance. Its long, small, milky kernels are full of sweetneess; the cob is small, and the corn white and tender; it is sure to please. It is somewhat later than Stowell's Evergreen.

POPCORN

Shelled corn, packet, 10 cts; ½ lb., 20 cts; lb., 35 cts.

Red Beauty. One of the most prolific popcorns grown, as high as 3 to 4 handsome dark red ears to the stalk and is the earliest of the large eared corn. Pops white and full. In our opinion the finest popcorn that can be grown. For full description see introductory novelty section. Illustration in color on inside front cover.

White Rice. Most popular for general use. White, sharp-pointed kernels.

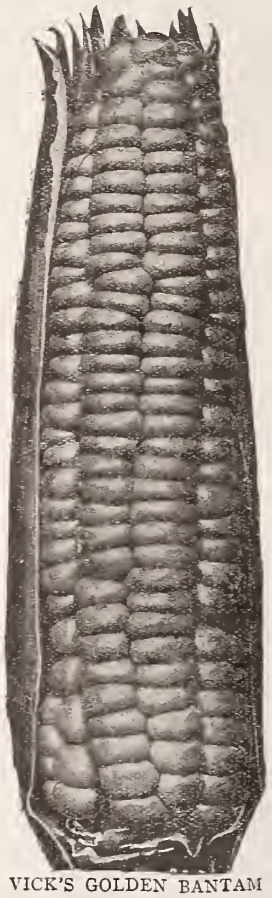
Queen's Golden. Fine yellow variety; pops creamy white.

New York Jan. 30, 1919

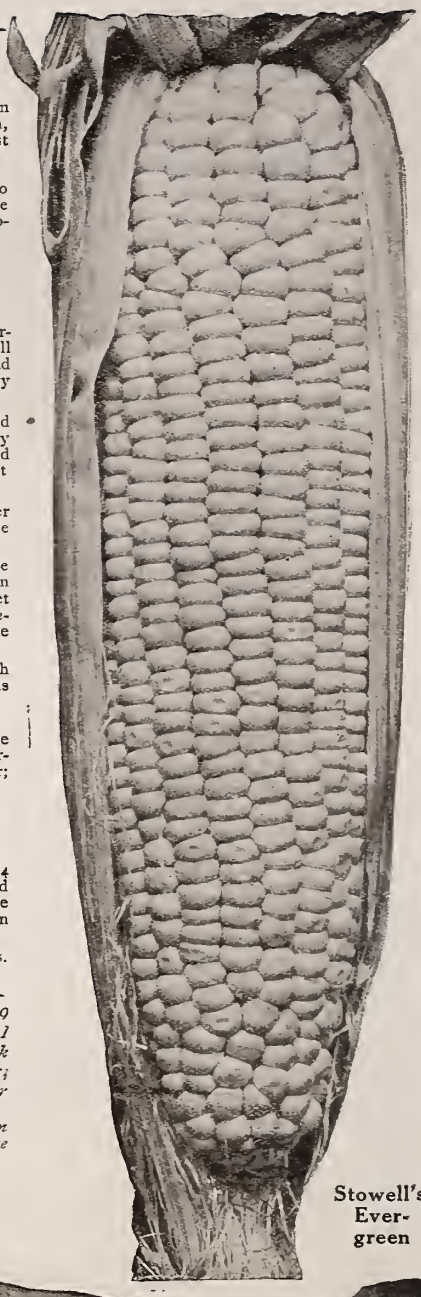
Excuse me for writing to you again about Golden Nugget Sweet Corn. I had the biggest crop of it last season I ever saw grown yet. I don't think there was over one-half acre and I sold over $100 worth, green on the ear; besides fattening two pigs on it and am offering about 15 bushels shelled for sale.

I took 25 ears to Herkimer County Fair last year and got first premium with all other kinds against me. This makes seven years in succession I have taken first prize.

Michael Mergenthaler.

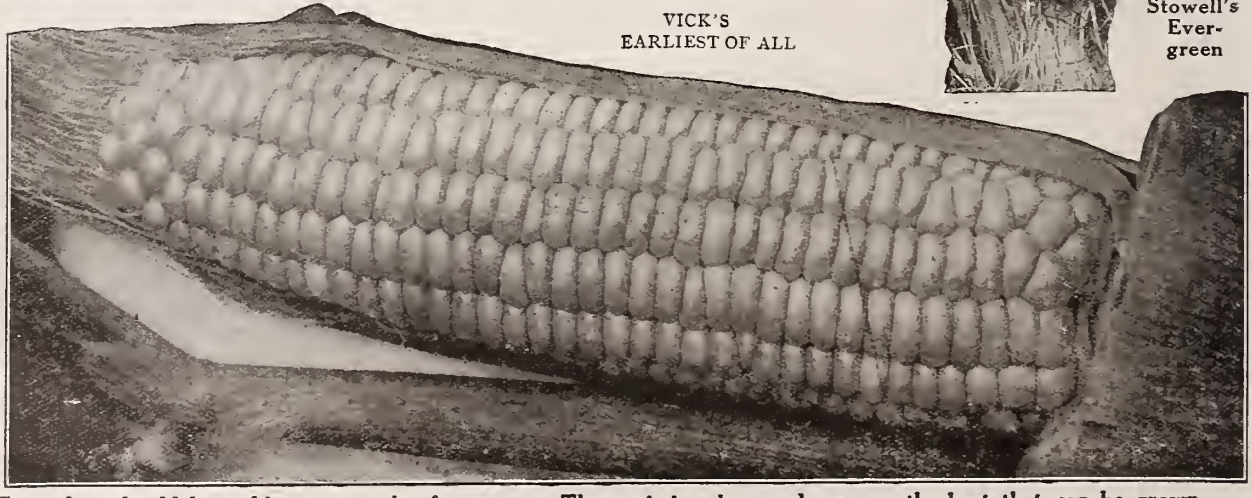


VICK'S GOLDEN BANTAM



Stowell's Evergreen

VICK'S EARLIEST OF ALL



Every boy should have his own patch of popcorn. The varieties shown above are the best that can be grown

VICK'S FIELD CORN

"Corn is King." Without doubt the most valuable all around crop in America. For table use corn is rapidly gaining in favor and is used in an increasingly large list of appetizing dishes which command the esteem of the most epicurean taste. On the other hand, progressive farmers who weigh every unit of food values for their livestock have a high respect for corn as a builder of meat and bone.

Scientific experts are vieing with one another to produce the highest possible type of ear and kernel, of stalk and foilage. We have long taken great interest in the development of new varieties. Genesee Valley, introduced by us twenty years ago is still recognized as superior to any other long ear eight row yellow flint corn. In the last four years we have introduced three new varieties: Vick's Early Wonder White Dent, Vick's Snow Capped Gold Mine, Vick's Extra Early Prolific Flint, which we have bred up with special care.

Prices of corn are governed largely by market conditions and our prices are, therefore, subject to change. Shipments by express or freight, charges collect. No charge for bags. Two pounds of any one variety 50 cents by mail postpaid. If larger quantities are wanted by mail, see Parcel Post rules on page 44.

VICK'S EXTRA EARLY PROLIFIC FLINT

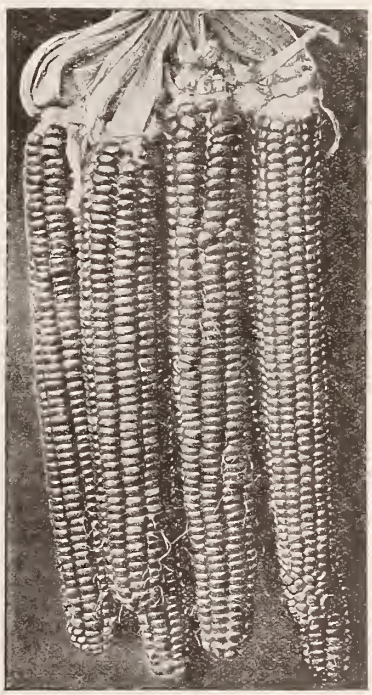
THE EARLIEST CORN WE HAVE EVER GROWN

This is a new variety of Flint which we have bred up so that it is now one of the earliest varieties we have ever seen. Our experience with this corn the last few years has been so satisfactory that we heartily recommend it for a locality where earliness is a deciding factor. The last two years this corn has been thoroughly ripe 10 to 15 days before any other variety. The stalks are slender, so they are eaten with relish by stock. The ears are medium size and everyone is beautifully formed and filled to the tip with shining yellow kernels. The illustration below clearly shows this valuable characteristic. Our experience with this corn proves it to be prolific for an extra early variety. There are regularly two or three ears to the stalk. One of the best varieties we know of, especially for northern regions where the growing season is short.

EXTRA EARLY PROLIFIC FLINT

Prices; 10 lbs. $ 90 ; 28 lbs. (½ bu.) $1.75; 56 lbs. (1 bu.) $2.75. 10 bu. or more $2.50 per bu.

Genesee Valley. A yellow, eight-rowed Flint variety originated by us through the crossing of popular Longfellow with a choice local stock. The cob is white, 12 to 15 inches in length and very slender. The grain is golden yellow, the kernels are large, plump and compactly set together covering both butt and tip. In our judgment it is one of the earliest, hardiest and most productive varieties of Flint Corn. The ground corn or corn meal is a rich golden yellow, so highly desired and eagerly sought for by the miller and baker. Genesee Valley, when well grown yields a big crop of stalks; foliage is fine and especially desirable for fodder.



GENESEE VALLEY

Prices, 10 lbs., 85 cents; 28 lbs., (½ bu.) $1.65; 56 lbs., (1 bu.) $2.60 10 bu., or more, $2.35 per bu. No charge for bags.

Take particular care in selecting your seed corn. Remember Vick Quality means the "best the earth produces"

VICK'S SNOW CAPPED GOLD MINE

OTHER VALUABLE DENT VARIETIES

10 lbs. 85 cents; 28 lbs. (1-2 bu.) $1.65; 56 lbs. (1 bu.) $2.60.
10 bushel or more, $2.35 per bushel. No charge for bags.

Drought-Proof Yellow Dent. As its name implies will stand more hot, dry weather than any other variety and produce large crops. It is desirable for all localities where Dent Corn is grown. It is of strong growth; maturing in from 90 to 100 days. Similar but better in every way than Golden Beauty. Ears large, cob unusually small, bright golden kernels.

Early Mastodon. An improved Yellow Dent, large yield, large grains, and early ripening. It has the largest number of rows on a cob, and the largest grains of any Corn ever originated; brings a high price in the market: medium height, grows rapidly, and ripens in 100 days. A very heavy yielder. A popular variety for ensilage.

Pride of the North. A sixteen-rowed Yellow Dent variety. Ears eight to ten inches in length; cob very small and red, with grain above medium size and closely set. It produces an enormous quantity of shelled corn to the amount of cob. Grows tall and leafy. Very prolific. Used in the Northern States for ensilage only.

Improved Leaming. Similar to above in every respect, but about one week later in maturing. Very desirable for fodder. More largely used for ensilage in this latitude than any other variety

FIELD CORN (Continued

VICK'S SNOW CAPPED GOLD MINE

A white capped yellow dent corn of exceptional value. Every season we grow this crop we become more enthusiastic over the real value of this variety for the average farmer.

It is Very Early. It ripens earlier than any other dent variety we know of, with the exception of Early Wonder White Dent. Many of our customers this past season planted this corn for ensilage purposes but it ripened so early and was so prolific that they had a big quantity of corn left standing for husking after their silos were filled.

It is Very Productive. On our own farms it has proved to be the most productive of any varieties which we have grown. The experience of every one we have heard of who has tried it has been the same. On good land and under normal conditions most of this corn will produce two large ears to the stalk.

For Ensilage Purposes Snow Capped Gold Mine is unsurpassed. Most varieties of ensilage corn require a very long growing season and in northern localities they are usually very far from maturity at cutting time and consist largely of water and have little food value. Snow Capped Gold Mine ripens so early before any danger from frost, that both the stalks and ears are thoroughly mature and at their highest development when cut for the silo, thus containing a maximum of food value.

We Have Tried Out this corn under the most severe conditions with the widely advertised and undoubtedly very valuable Luce's Favorite, and found in every instance Snow Capped Gold Mine far superior in earliness, productiveness, amount of foliage, in every quality of value.

10 lbs., 90 cents; 28 lbs., $1.75; bushel (56 lbs.,) $2.75.
10 bushel or more $2.50 per bushel. No charge for bags.

CHICORY

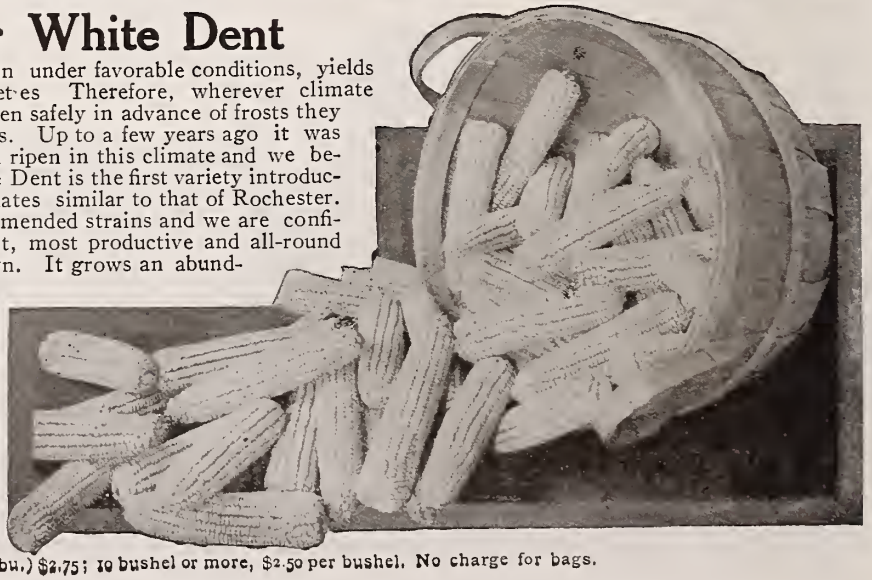
Achicoria. Span.; Cicoria selvatica, Ital.

Large-Rooted Long Magdeburg. Sow Chicory seed as early in the spring as the ground can be worked, in drills half an inch deep and fifteen inches apart, and in mellow soil. The after-culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The dried roots are used as a substitute for and adulterant of coffee.
Pkt., 10 cents; oz., 50 cents; ¼ lb., $1.00; lb., $3.00.

Witloof Chicory or French Endive. A delicious vegetable, very easily grown. The roots, from the tender white stalks which are used for eating are grown, are raised from seed which should be sown early in June, in drills. In November the roots are dug and the tops cut off, leaving about one and a half inches of the leaf stalks. These roots are then planted out of doors for use the following spring, or they can be forced in boxes inside. In either case the roots are set in sand or soil in upright positions with tops about six inches below the surface. For indoor growing the boxes can be set in the cellar or other cool place. The tender shoots can be used as a salad, raw, or are delicious cooked. Pkt, 10 cts; oz., 40 cts; ¼ lb., $1.35; lb. $4.00

Early Wonder White Dent

Everybody knows that Dent corn under favorable conditions, yields more bushels per acre than Flint varieties Therefore, wherever climate conditions permit Dent varieties to ripen safely in advance of frosts they are rapidly crowding out Flint varieties. Up to a few years ago it was not supposed that Dent varieties would ripen in this climate and we believe that Vick's Early Wonder White Dent is the first variety introduced which can safely be planted in climates similar to that of Rochester. We tested out numerous highly recommended strains and we are confident that Early Wonder is the earliest, most productive and all-round most satisfactory Dent corn ever grown. It grows an abundance of stalk and leaf and, therefore, will yield greater tonnage of fodder than any Flint variety. For the farmer who wants a big crop of ripe corn and a large tonnage of rich, sweet, corn stalk fodder we recommend Vick's Early Wonder White Dent above any other variety. We grow it every year on our farms and have never had a crop failure since its introduction which is more than can be said of any other Dent variety ever grown.



10 lbs., 90 cts, 28 lbs, (½ bu.) $1.75; 56 lbs., (1 bu.) $2.75; 10 bushel or more, $2.50 per bushel. No charge for bags.

CUCUMBERS

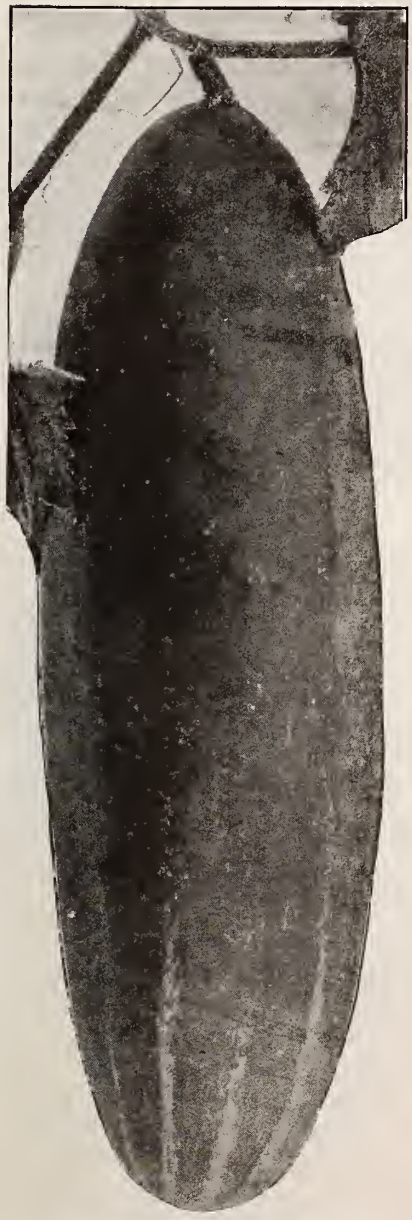
FROM the many varieties of Cucumbers, we have selected those offered below as being unexcelled for home and market gardens. We do not believe they can be surpassed by any other list of equal number.

In this latitude it is useless to plant in open ground until about the first of June. Make hills two feet in diameter and about six feet apart, and enrich them with well-rotted manure. Plant a dozen or more seeds in a hill, covering half an inch deep. When plants begin to spread pull all but three or four of the strongest plants. One ounce of seed for fifty hills; two pounds per acre, planted in hills.

Packet, 10 cts.; ounce, 25 cts.; ¼ lb., 50 cts.; lb., $1.50; except as noted.

Cool and Crisp. A strain of the White Spine, but longer and more cylindrical. Very early and exceedingly prolific. While it is esteemed most highly as a pickling sort, it is one of the very best for slicing, being tender, crisp, and of fine flavor.

VICK'S ABUNDANCE



VICK'S PERFECTION WHITE SPINE

Vick's Abundance. Without a doubt this is one of the very best Cucumbers we have ever grown, being more prolific, of better shape, and of a richer dark green color than any other variety known. Vick's Abundance was originated by one of the best market gardeners in the world-famous vegetable growing section near Rochester. The quality of Abundance is unsurpassed. It has a very small seed cavity and few seeds, and measures 8 to 10 inches in length. Abundance is smooth and symmetrical, and has a beautiful, clear, dark blue color. It does equally well in the greenhouse for forcing, or outside in the garden.

Packet. 10 cents; ¼ oz., 20 cents; oz., 50 cents.

Improved Long Green. A well-known standard variety about twelve inches in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best, of any for sweet pickles. Vines vigorous and very productive. Our strain of this valuable sort is unsurpassed being carefully selected from the best fruits. **Packet 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $2.00.**

Early Green Cluster. A short pale green variety. Fruit borne in clusters near the root; rather prickly; containing few seeds. A productive sort and very satisfactory for pickles.

Vick's Improved Early White Spine. Very popular in all sections of the country. Flesh tender and crisp; uniform in size, straight and dark green, with few white spines.

Pkt, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.00.

Vick's Early Perfection White Spine. It excels in earliness, and is one of the best for either the home garden or forcing; also extensively grown for pickles. This most valuable strain is grown from stock seed, produced on our own farm; our selections being made from the choicest and most perfect fruits only.

Packet 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.00.

Early Frame or Short Green. An excellent sort both for table use and for pickling. Fruit straight, handsome, small at each end, bright green, flesh tender and crisp, and makes fine pickles.

Thorburn's Everbearing. Small size, very early, and enormously productive, and valuable as a green pickler. It continues to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not. Remarkably solid, with very few seeds, and of fine quality. Invariably of perfect form, even when small.

Chicago or Westerfield Pickling. Fruit medium length, pointed at each end, with large and prominent spines, color a deep green. It combines all the good qualities of an early Cucumber and is highly regarded by Chicago market gardeners, and grown extensively for the large pickling establishments in that vicinity.

Green Prolific or Boston Pickling. A distinct variety. A favorite with pickle growers and commercial gardeners, and good for table use. Quite productive. Fruit small, uniform in size.

Davis Perfect. This long, slim Cucumber sometimes measures twelve inches in length; the color, which holds until nearly ripe, is a rich, dark, glossy green. Davis Perfect has a fine flavor and is very tender and brittle. A choice variety for forcing under glass or for outside culture.

Pkt., 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.00.

Vick's Lemon Cucumber is nearly round, with yellow and green markings and smooth skin, similar to the Lemon. The flesh is tender, crisp, and possesses a sweetness and flavor surpassing all other Cucumbers. The fruit is from two and a half to three inches in diameter, and very attractive in appearance. For pickling either when green or ripe, they are unexcelled.

Earliest of All. An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of it's extreme earliness is a very desirable variety both for the home garden and those who grow for the market.

Japanese Climbing. A strong and vigorous variety growing nearly twice the length of ordinary sorts, and one that can be grown on trellises, fences, or poles. Can be used for screens, as the foliage is much heavier than other kinds. The fruit is from ten to twelve inches in length and of excellent quality either for slicing or pickling. **Packet, 10 cents; oz., 25 cents; lb., $2.00.**

Abundance is among the finest of our extra fine Cucumbers, and it well deserves an important place in every garden

SOLID HEADING LETTUCE
VICK'S SPECIAL STRAIN BIG BOSTON

Do city folk, when they sit down to tables garnished with the most delicious lettuce salad ever wonder where and how such large, crisp, tender, creamy white heads of lettuce are produced? Our grandmothers knew only the loose and rather coarse and tough-leaved varieties. In the last twenty-five years astonishing developments in varieties has finally produced the monster heading tender varieties of to-day, among which Big Boston is used more largely than all others combined. Our special strain is the top notch development of this variety and is now used almost exclusively by the largest and most successful market growers. Hundreds of acres of this variety are grown every year from our seed. More than a hundred cars in a single day have been shipped to the various city markets. Not infrequently our growers have received as high as $2,000 per acre and more while their neighbor's crops from inferior seed have scarcely paid expenses. The picture of the field above, every row filled with perfect heads of fancy grade, represents the acme of success in lettuce growing. Here is what the grower, E. M. Salisbery, Holley, N.Y. says about it: "The Big Boston Lettuce seed purchased from you last summer produced the best crop I have ever grown. In the entire five acre field there was hardly an imperfect head. As the crop developed very evenly, we harvested practically the entire field the first time over, thus avoiding waste and saving labor. I shipped six carloads from the entire field, every one of which brought top notch prices netting me a handsome profit on the crop.

I am so pleased with your special strain that I have already placed my entire order with you for next year."

EARLY MAY KING

Big Boston is one of the best varieties for either the large market grower or the home gardener. The heads are large and blanch to a creamy white very fine grained and packed as close as cabbage. Plants are sure headers, and stand a long time before seeding. When the plants are thinned to 10 to 12 inches apart the heads grow to a large size, measuring from 10 to 12 inches in diameter. Big Boston heads up under cold weather conditions better than any other.

Packet, 10 cts.; oz., 20 cts.; ¼ lb. 60 cts.; 1 lb. $1.75

EARLY MAY KING. This variety is very early and hardy, grows to a good size, six to seven inches in diameter, heads round and solid. May be planted out of doors or under glass, and will produce heads earlier than any other variety. Outer leaves tinged with brown, the inside a rich golden yellow. A remarkable variety and of unexcelled flavor. **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.75.**

Vick's Special Strain Big Boston is the king of all head lettuce

SOLID HEADING VARIETIES (Continued)

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.

Crisp as Ice. A splendid and distinct Cabbage Lettuce, well adapted for family and home market use. The heads are solid, of large size and handsome shape. When cut open they have a rich creamy heart, and are so tender and brittle as to warrent the name "Crisp as Ice." The leaves are thick and glossy, handsomely crimped and curled, the outside variegated with dark bronze and green.

Golden Queen. A fine, quick growing head Lettuce, and one of the best sorts for early outdoor planting as well as for growing under glass. The color is a beautiful golden yellow; the plants medium size and very compact. The heads are so solid that there is no waste whatever, and they really contain more substance than many varieties showing double the size.

Packet, 10 cts.; oz., 25 cts.; ¼ lb., 60cts.; pound, $2.00.

All Seasons A very large Cabbage heading variety. Outer leaves are unusally large, thick and dark green. Heads large, solid, deep yellow, buttery and finely flavored. This variety will hold up longer and stand more hot weather without going to seed, than any other of its type. A splendid shipper and is worthy a place in every garden.

Improved Hanson. A standard summer Lettuce; none more reliable for out-door cultivation. The heads grow to a remarkable size, and are very solid. The outer leaves are a bright green, while the inner head presents a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. It is slow to seed, and is an ideal Summer Lettuce.

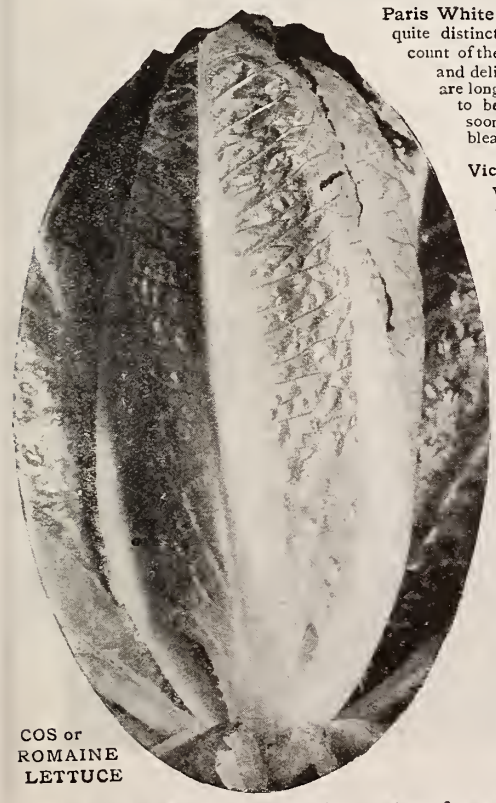
Salamander or Satisfaction. Forms large, solid, compact heads, resisting summer heat and remaining long in head. Leaves smooth, thick and very tender; the inner head blanches almost white. An excellent spring, summer, or fall variety. Invaluable in the Southern States.

Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.75.

COS or ROMAINE LETTUCE.

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb.,$1.75

Early Express This is the earliest variety of Cos Lettuce yet developed the heads are large, firm, crisp and tender, the dark green outer leaves are self folding closing in tightly around the head blanching it to a creamy whiteness. Its earliness combined with its other splendid qualities is bound to make thts Cos indispensable to those who grow for the market, and gives it a place in every well planned home garden.



COS or ROMAINE LETTUCE

Paris White Cos. Cos lettuce is quite distinct and popular on account of their tender, crisp leavess and delicate flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid heads, and bleach snow white.

Vick's Trianon. A new variety grown especially for us. It grows large and is uniform, crisp and tender. It stands a long time before going to seed. The leaves are narrow and turn in at the top, therefore it is not necessary to tie them up to blanch.

To Grow Lettuce

Lettuce to be at its best should be grown as rapidly as possible, hence the soil should be made rich and mellow by liberal manuring and thorough preparation. For general crop, sow outdoors as early in the spring as the ground can be worked, in drills eighteen inches apart and thin the young plants to four inches apart in the row. As the plants begin to crowd, thin them out and use as required. In this way a much longer succession of cuttings may be had from the same ground. For the cabbage or heading varieties where large heads are desired, the plants should be thinned ten to twelve inches apart in the row.

CRISP AS ICE LETTUCE

Vick's Premium Cabbage. An old favorite, excellent for all uses and seasons. Heads well, remaining in good condition for a long time without going to seed. Heads medium to large. Color bright green.

Vick's Royal. A fine variety, largely used in the Paris markets. The seed we offer comes direct from the originator. It produces a medium-sized head of a beautiful golden color, crisp and tender.

New York Cabbage. In trial on our farms this lettuce was one of the earliest varieties. The outer leaves are dark green and when first formed the head is slightly pointed, but when further matured is globular in shape. It is one of the five most popular varieties of lettuce, both in Europe and America, ranking close to Big Boston in this respect. The inner leaves are creamy white and are wonderfully crisp and tender. This is one of the very best lettuce to grow for the home garden, but is most too crisp to be a good shipper. Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb, $2.00.

CURLED OR LOOSE LEAF VARIETIES

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.

Grand Rapids Forcing. There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Large, beautiful leaves, very crisp and tender. Frequently a house full of this Lettuce will average one half pound to a plant.

Early Curled Simpson (Silesia). Forms a close compact mass of leaves that are large and broad, crimped and blistered, and light green in color. Not desirable for forcing with bottom heat. It is however recommended for planting in cold frames, and extensively grown in the open.

Prize Head. Is very large; stained with red; outer leaves curled; very crisp and tender; slow in running to seed.

Black-Seeded Simpson. The most popular sort of all the non-heading varieties. One of the best for use under glass as well as for early outdoor planting. The plants form large, loose heads; outer leaves a light, yellowish green, with inner leaves blanched almost white. Resists the heat and remains long in a good edible condition.

BLACK SEEDED SIMPSON

Early May King is a popular variety for growing under glass. Many of our Market Gardeners plant this variety exclusively.

LEEK

Puerro, Span.; Porro, Ital.

The Leek is a mild onion-like plant that should he better known. The long, hlanched necks are milder and more tender than the onion. The green tops are esteemed superior to the onion for flavoring soups, etc., their strong odor disappearing in cooking. Sow as for onion.

Packet, 10 cents; ½ oz. 35 cents; oz., 50 cents; ¼ lb., $1.35; lb., $4.00.

Monstrous Carentan. A new and valuable strain of the superior Leek; of extra large size, easily hlanched and of the finest quality.

Broad Flag. An old favorite. Large, hardy, and productive.

FENNEL, Giant Messina

Hinojo, Span.; Finocchio, Ital.

To those who are looking for "something different" we recommend a trial of the Giant Sweet Fennel. It has an agreeable aromatic flavor resembling celery, hut its odor is more delicate and its taste sweet. It may he used as a salad or cooked in various ways; it will he found a pleasing addition to the vegetable list. It is an easily cultivated vegetable, maturing quickly from seed sown in spring. The thickened hases of the leaf-stalks form a bulb-like growth, which is hlanched hy earthing up like celery.

Packet, 10 cents; ½ oz., 15 cents; oz., 25 cents; ¼ lb., 75 cents.

KOHL RABI

Col rabano, Span.; Cavolo rapa, Ital.

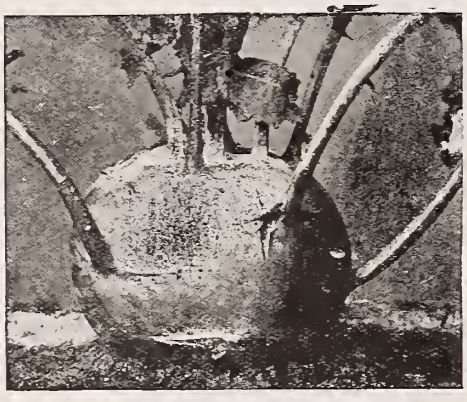
Kohl Rahi is sown for general crop in the spring, like the Turnip, in drills, or may he transplanted like Cahhage. For winter tahle use, sow middle of June. Gather when small and tender, as later it hecomes tough and stringy. The stem, just above the surface of the ground, swells into a hulh something like a Turnip; it is cooked like that vegetahle, and is much sweeter and of fine flavor. One ounce will sow 200 feet of drill.

Packet, 10 cents; ½oz. 35 cents oz., 50 cents; ¼ lb., $1.35; lb., $4.00.

Early White Vienna. Delicate; much prized for forcing.

Early Purple Vienna. Another forcing variety, similar to above except in color.

Large Early White or Green. Used mostly for feeding stock.



KOHL RABI

EGG PLANT

Berengena, Span.; Petronciano, Ital.

Egg Plant is a deliciously flavored, easily prepared vegetable that should he more widely known. It can he grown with little difficulty.

Those who have no hotheds can sow a few seeds in hoxes in the house, where a temperature of 75° can he maintained. Plant out early in June two and a half feet apart. One ounce will produce ahout 1,500 plants.

Black Beauty. Distinct and fine. The fruit is quite as large as Improved N. Y. Purple, and from ten days to two weeks earlier than that variety. It is very attractive in appearance, and of excellent flavor. Packet, 10 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., $2.50.

Improved New York Purple, Spineless. The standard for home use and market. Very popular in all the city markets, and the easiest, finest and largest variety grown. The fruit is large, smooth, round, of the highest quality, and very productive.

Packet, 10 cts.; ½ oz., 50 cents; oz., 75 cents; ¼ lb., $2.50.

HORSERADISH

Taramago, Span.; Rafano, Ital.

Horseradish is grown from pieces of the roots. Mark off rows two and one-half feet apart, in rich, moist, well prepared ground; set the pieces of roots eighteen inches apart in the rows, the small end down, and the top, one to two inches helow the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep the weeds down.

New Bohemian. Produces mammoth roots. Extra early. Better yielder than the old variety and succeeds in light or heavy soil. Dozen, 30 cents; per 100, $1.75, postpaid.

ENDIVE

Endivia, Span.; Endivia, Ital.

Endive is an excellent autumn and winter salad; especially when hlanched. It is also used extensively for garnishing, and if hoiled makes fine "greens." Sow seed late in the spring or even as late as July, in shallow drills, fifteen inches apart, and when plants are strong, thin out to ahout a foot apart. To hlanch, gather up the outer leaves over the ceuter of the plant, and tie them together at their tips. Sow one ounce of seed to 100 feet of drill.

Pkt., 10 cts., oz., 25 cts.; ¼ lb., 50 cts.; lb., $1.50.

Moss Curled. Foliage very dense and heauti ully fringed.

Green Curled. The hardiest variety. Leaves dark green, finely cut; easily hlanched to a fine white. The flavor is pleasantly hitter, stimulating and zest-giving.

White Curled. Foliage somewhat coarser than the Green Curled, moderately dense, pale green.

Broad-Leaved Batavian. (Escarolle.) The most popular variety for the market. Leaves hroad, thick, somewhat wrinkled. Excellent for "greens" and flavoring soups and stews, as well as for salads.

MOSS CURLED AND BROAD-LEAVED BATAVIAN ENDIVE

Endive as a salad is fine and cannot be surpassed. It is fast coming into its own, growing more popular every day

EGG PLANT

INSPECTING A FIELD OF VICK'S IRONDEQUOIT MUSK MELON GROWING FOR SEED

MUSK MELON

Melon, Span.; Popone, Ital.

MUSK MELONS are among the choicest of our summer table delicacies. The beautiful color of the flesh, which varies from pale green to dark orange according to the variety, makes the Muskmelon appealingly attractive to the eye, while its delicious flavor, sweet, rich and melting, is a delight to the palate. They are easily grown and since they require less time to mature may be planted in more Northern latitudes than the Watermelon and in colder and heavier soils. With a little extra care Melons of the finest quality may be raised in the home garden. Plant in hills six feet apart when the ground has become warm and dry and after placing a little manure in each hill. One ounce of seed is sufficient for fifty hills; two pounds for an acre, in hills.

VICK'S IRONDEQUOIT (See also page 4)

Vick's Irondequoit has succeeded so well under such a wide range of conditions that we confidently recommend it to our customers as the best all-around melon either for the home garden or for market. For many years it has held the Rochester market to the exclusion of all other varieties. We are constantly improving it by selection, until, in the opinion of those who grow it "it is the best Melon in the world." The fruit is unusually large, in fact it is one of the largest varieties grown; of excellent shape and distinctly ribbed and beautifully netted skin, which when ripe is a pale yellow in color. The flesh is solid, very thick—there being but a small seed cavity—of a beautiful dark orange color and a delicious sweet, rich, spicy and melting flavor, the very highest quality in Muskmelons. In addition to this rare combination of large size, attractive appearance and delicious flavor, it possesses two other qualities of great importance, hardiness and productiveness. It will grow in a cooler climate than many other kinds and its average yield is the greatest on record. **Packet, 25 cents;**

OTHER LARGE VARIETIES

Packet; 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50. Except as noted.

Extra Early Hackensack. Very popular, producing large, handsome, extra early Melons of best quality. Flesh green; most delicious flavor.

Montreal Nutmeg. Fruit of the largest size, often attaining a weight of fifteen to twenty pounds. Shape nearly round, flattened at the ends, deeply ribbed: flesh remarkably thick, green, melting, and of the finest flavor.

Surprise. A medium to large size melon, oval, distinctly ribbed, and covered with patches of netting. When the fruit is mature it has a light yellow skin. Flesh is deep salmon in color and of very good quality. Vines are hardy and productive. Very popular with Market Gardeners.

Large Late Hackensack. A late melon of good quality similar to Early Hackensock but larger, a good shipper.

The Bender. (Bender's Surprise) A very popular melon in Eastern Markets. Flesh is deep orange, thick, and deliciously flavored; rind is light green changing to golden tint when ripe, heavily ribbed and netted. Later than Irondequoit and more oblong in shape. The melons are uniformly large. Often weighing from 8 to 10 pounds with superior shipping and keeping qualities. The next best substitute for genuine Irondequoit.

Packed 10 cents. Ounce 45 cents, ¼ lb. $1 25, Pound $4.00.

MEDIUM-SIZED VARIETIES

Packet, 10 cents; oz. 20 cents; ¼ lb., 50 cents; lb. $1.50.

Vick's Prolific Nutmeg. Vines hardy, vigorous. Fruit medium size, round, slightly flattened at ends, ribbed, with distinct netting; flesh green, thick, solid, delicious, spicy flavor. One of the best for the home garden.

Osage, or Miller's Cream. A remarkably fine variety, of medium size, oval, dark green, handsomely netted, slightly ribbed. Flesh uniformly thick, of firm texture, rich salmon, highly flavored and delicious to the rind. Cavity very small. Good keeper and shipper.

Burrells Gem, Pink Flesh. This is a splendid melon of the Rocky Ford type but much larger and a few days later. The fruit is oblong, distinctly ribbed and heavily netted. A splendid variety for either the home or market garden.

Extra Early Knight. (Sweet Air) An extremely early medium sized melon of recent introduction. The fruit is oblong, distinctly ribbed and handsomely netted. The flesh is thick and very sweet. Color medium green blending to light pink at the center. This is the earliest high quality melon for the northern grower and it is bound to grow in popularity as it becomes better known. It is also an excellent shipper. It is a splendid variety for the home garden as well as a popular sort for those who growfor market.

SMALL VARIETIES

Packet; 10 cents; oz. 20 cents; ¼ lb. 50 cents; lb. $1.50.

Rocky Ford. (Gold Lined) This is the most popular of the small Melons being extensively grown and shipped in car-loads for the markets It is one of the finest early Melons, and one of the best for market gardeners and shippers as well for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind.

Emerald Gem. Small to medium, globular in form, flattened ends; skin smooth, slightly ribbed. Flesh thick, ripening close to the rind, deep rich, salmon color, deliciously flavored and of superior quality.

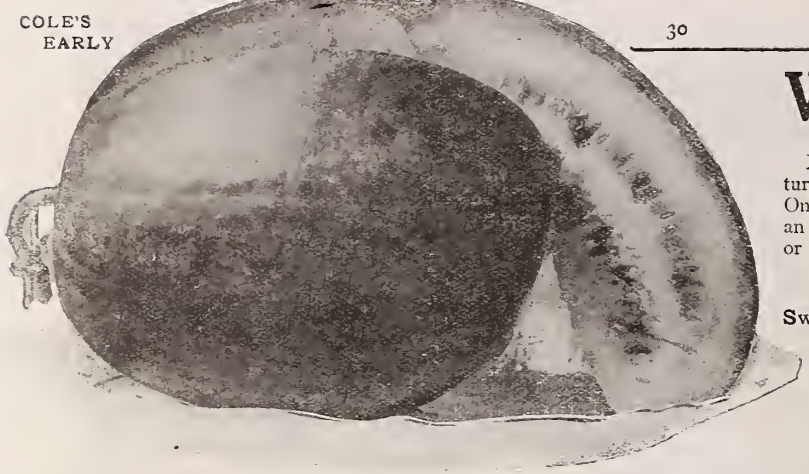
Jenny Lind. Extra early. One of the oldest. Fruit small, round, flat on both ends, deeply lobed, and finely netted. Flesh green and luscious. Comes into market first of all.

HONEY DEW MELON a Casaba

Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., 65 cents; lb., $2.00

A new winter melon which begins to ripen in July and continues bearing and ripening all summer and fall until frost comes. The melons picked late in the season can be stored in a cool house or cellar and will ripen slowly, so that they can be marketed from time to time until late in January or early February. The rind is thin but very tough; of greenish-yellow color, without netting. The deep, aromatic flesh is emerald green in color and honey sweet.

If you want the best all-around Muskmelon either for the home garden or for the market, plant Vick's Irondequoit.


COLE'S EARLY

WATERMLEONS

Zandia, Span.; Melone d' aqua, Ital.

Plant in hills eight or ten feet apart. The same culture as recommended for Cucumbers will insure success. One ounce of seed will plant thirty hills, and four pounds an acre, with hills eight to ten feet apart. Allow three or four plants to remain in each hill.

Packet, 10 cts.; oz., 20 cts; ¼ pound, 40 cts.; pound, $1.25; except as noted.

Sweet Heart. One of the best varieties for the home garden. Large size, nearly globular in shape; skin a bright mottled green; rind thin; flesh bright red, firm, and solid to the center; heavy, but crisp, melting, and exceedingly sweet. Early, a good keeper, and improves in quality for a long time after ripening.

Cole's Early. The earliest Watermelon. Best for the amateur. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. The fruit is nearly round; rind thin and brittle; flesh deep red and of extremely delicate texture, sweet, juicy, and delicious.

Kleckley's Sweets. The fruit is oblong in form, 18 to 20 inches long and ten to twelve inches in diameter; skin dark green; flesh bright red, extreme-sweet, melting, and luscious. Ripens close to the rind. Highly recommended for the market and family garden.

Vick's Early. A melon prized for the home garden or market. Oblong in shape, smooth, with a very dark skin, rather small in size; flesh bright pink, solid, and sweet. Vines strong, bearing freely, thus making it a desirable variety for the home garden, and the market.

Ice Cream or Peerless. The old but extremely popular home market Melon. Medium in size, almost round; the skin a pale green; flesh bright scarlet, fine-grained, solid to the center, sweet, crisp, and melting. Its delicious flavor entitles it to the name of Peerless.

Georgia Rattlesnake. One of the largest varieties, and stands shipping long distances. Fruit of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality.

Citron. For Preserves. This variety grows uniformly round and smooth. It has a handsomely striped and marbled skin of light green. Used only for preserves and pickles, and not for eating in the raw state. Very prolific.

Prize Jumbo. Immense in size. The common weight of this Melon is sixty to eighty pounds. The rind is hard and firm, which makes it a superior variety for long-distance shipping. In shape it is nearly round; color solid dark green; flesh deep red and of fine quality.

Tom Watson. The most popular melon on the market. There are more "Watson" melons shipped from the South than all other melons combined. Rind tough, medium thick, flesh red, fruit long dark green, makes a handsome appearance. Our seeds are all saved from perfect melons.

MUSHROOMS

Hongo, Span.; Fungo pratajolo, Ital.

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50° to 60°. If the temperature is right, in six or eight weeks you may expect the first crop of Mushrooms. One Brick of spawn is enough for a bed 3x3 feet. Directions sent with each order.

"New Culture" Spawn. Positively fresh, pure virgin spawn. The material from which these bricks are made is "spawned" directly from heavy, meaty mushrooms. **Bricks, 35 cents each, postpaid. 5 bricks, $1.25; 10 bricks, $2.25, by express, charges not prepaid.**

Bottled Mushroom Spawn. The latest and by far the best method of of propagating Mushrooms. It is far superior in every way to the old-fashioned brick spawn and as it becomes better known it will without doubt be used to the exclusion of all other kinds of spawn. One bottle covers about 40 square feet. **Per bottle, $1.25, postpaid.**

Packet, 5 cents; oz., 10 cents; ¼ lb., 30cents; 1 lb., $1.00.

For books on Mushroom growing see page 111.

MUSTARD

Vick's Giant Southern Curled Mustard. Highly prized in the South as early "Greens' or salad.

Chinese Mustard Larger and more rapid growing than Giant Soutbern. Crisp and tender, mild, comparatively free from bitter flavor and growing in popularity wherever used. **Pkt, 10c.; oz., 20c.; ¼ lb., 50c.; 1 lb., $1.00.**

OKRA or GUMBO

Gombo, Span.; Ocra, Ital.

A large, vigorous, tender plant, cultivated in the South for its young seed pods, which are very nutritious, and are used in soups, stews, etc., and especially for making gumbo soup. Should be more generally grown in the North wherever it is warm enough for Sweet Corn. About the last week in May sow seed thinly, in drills one inch deep and three feet apart. When well up, thin the plants out to one foot apart in the row. Gather the pods when quite young (about an inch and a half long), before woody fibre is formed. One ounce of seed will sow fifty feet of drill.

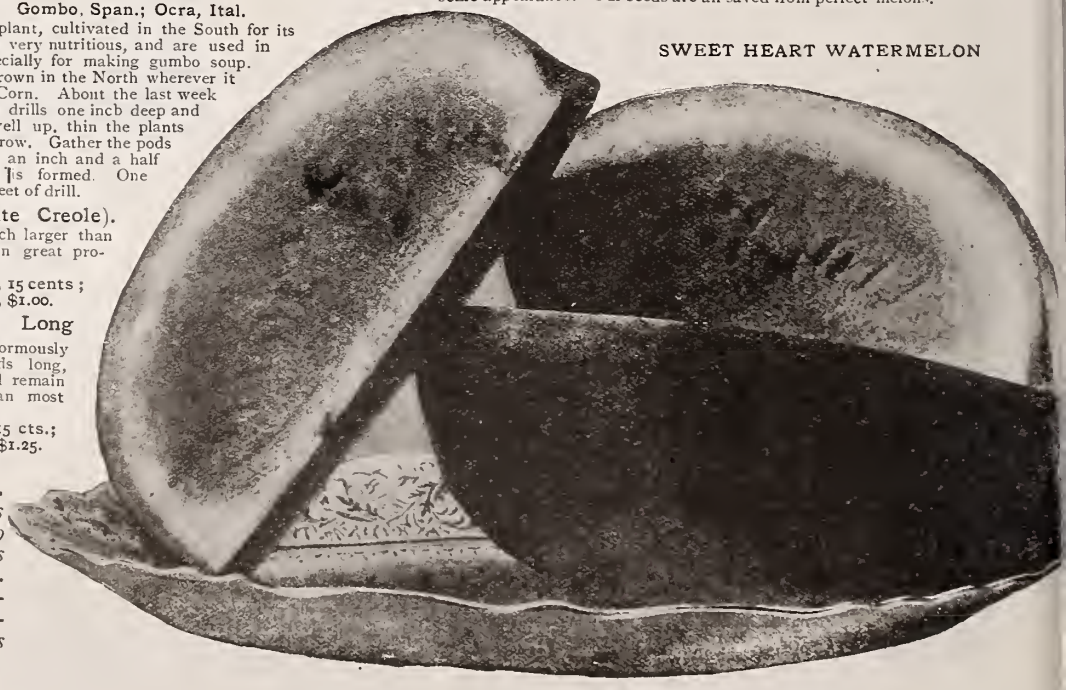
White Velvet (White Creole). Pods round, smooth, much larger than other sorts; produced in great profusion.

Packet, 10 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.00.

Perkin's Mammoth Long Pod. A dwarf but enormously productive variety. Pods long, slender, deep green, and remain tender much longer than most sorts.

Packet, 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Fulton, Ind.
I have received seeds from your firm for 29 years and have always been greatly pleased. My garden seeds always give the best results and are just as represented.
Mrs. Martin Warner


SWEET HEART WATERMELON

VICK'S TRIPLE CURLED PARSLEY

PARSLEY

Perejil, Span. Prezzemolo, Ital.

Because of its pleasant flavor, the leaves of Parsley are used extensively as a garnish with other vegetables, either in cooked dishes or salads. Parsley seed germinates very slowly. For outdoor growing, soak the seed in botwater for twenty-four hours. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Since Parsley lives through the winter, seed may be sown in the autumn for early spring use. One ounce will sow 150 feet of drill.

Packet, 5 cents; oz., 15 cents; ¼ lb., 45 cents; lb., $1.50.

Exquisite Moss Curled. A new variety of great merit. Rich dark green, finely cut and crimped.

Champion Moss Curled. A compact growing, very ornamental plant. Leaves a bright green color, finely crimped and beautifully curled.

Vick's Triple Curled. A handsome compact sort. Fine for market or private garden; leaves bright pale green; extra curled and crimped.

Beauty of the Parterre, or True Emerald. A distinct shade of green; leaves finely cut and densely curled. Dwarf and spreading. Very fine.

Fern-Leaved. Beautiful in form and color; valuable for garnishing and also as an ornamental foliage plant for borders of beds.

Hamburgh or Turnip-Rooted. The roots resemble a small Parsnip and are the edible portion of this variety. Used for flavoring soups, etc.

PARSNIPS

Chirivia, Span. Pastinaca.

Because of their delicious flavor, and the ease with which they can be kept fresh throughout the winter, Parsnips are among the most popular of winter vegetables. Seed should be sown in moderately rich, well-prepared soil. As the seed germinates and plants develop slowly, weeds must not overrun. In the late fall, before the ground freezes, remove enough roots for winter use to the root cellar and pack in sand. The remaining Parsnips can be left in the ground through the winter for use in the early spring, when fresh vegetables make a strong appeal to the palate. Sow seed as early as possible, in drills from fifteen to eighteen inches apart, and about half an inch deep. One ounce will sow 200 feet of drill.

Packet, 5 cts.; ¼ oz, 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.00.

Elcombe's Giant. A new Parsnip having the good qualities of Hollow Crown but smoother, not so long; much thicker at the shoulder.

Long Hollow Crown (White Dutch or Sugar). The old standard, and one of the best for general use. Long, smooth, tender and sugary; very hardy

Improved Guernsey. Half-long. The roots are larger in diameter and easily gathered; smooth, fine-grained, and of excellent quality.

LONG HOLLOW CROWN PARSNIP

Rosehill, Molltorp, Sweden. 4-22-20.
The package of seeds arrived today in perfect condition. Please accept my thanks.
CARL O. GUSTAFSON.

VICK'S PRODUCTIVE PEPPERS

Pimiento, Span. Peperone, Ital.

Modern high bred Peppers are deservedly growing in popularity among cooking experts for seasoning for pickles, sauces, and various vegetable dishes. Sow seeds in a hotbed, or in a box in the house, where a temperature of 75 degrees can be maintained. Transplant when three inches high. One ounce of seed will yield about 1,000 plants.

Packet, 10 cents; ½ ounce, 40 cents; ounce, 65 cents; ¼ pound, $2.25

Vick's Giant Red. A magnificent new variety. Combines the size, mildness and beauty of the Chinese Giant with great productiveness.

Chinese Giant. Immense Pepper of a brilliant scarlet color. The flesh is unusually thick and very mild, having none of the pungency of most of the older varieties. The plant is about two feet high and of strong vigorous growth.

Large Bell, or Bull Nose. Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads and pickles.

Ruby King. A handsome and very productive variety. Fruit from four to six inches long by three and a half to four inches broad; remarkably mild and pleasant. When ripe they are a bright ruby red.

Pimento. A sweet pepper. One that you will enjoy eating in salads, either fresh or canned. Market gardeners and canners are planting Pimento extensively. A home garden favorite.

Sweet Mountain or Mammoth. Much like the Large Bell, but larger and milder. Fruit thick and sweet. Fine for making stuffed mango pickles.

Coral Gem Bouquet. The finest of the small varieties. Its shining red pods an inch in length, are so thickly set as to completely cover the plant. They are very hot, and suitable for seasoning

Red Cluster. A distinct and beautiful variety bearing a profusion of bright scarlet fruit in clusters in an upright position. Hot and pungent. Just the thing to season pickles

VICK'S GIANT RED PEPPER

Long Red Cayenne. Beautiful and productive. Fruit slender, long, bright red, pointed pod; flesh thick and pungent.

Small Red Chili. Used extensively for flavoring pickles. The small bright red, very hot pods are fine to dry for winter use.

Neapolitan. Earliest of all large, mild, red peppers. Plants are very strong and thrifty, they grow 24 to 30 inches tall and 18 to 20 inches across and are enormously productive. Flesh thick, sweet and tender.

Packet, 10 cents; ½ oz., 25 cents; oz., 45 cents; ¼ lb., $1.35

32 ELEVEN THOUSAND BUSHELS DANVERS YELLOW GLOBE ONIONS A MONEY MAKING CROP

VICK'S SELECTED ONION SEEDS

Cebolla, Span. **Cipollo, Ital.**

THE ONION is one of the most wholesome foods known, and is, perhaps, more universally cultivated than any other vegetable. Physicians agree that the free use of Onions as a food is a healthful and beneficial stimulant to the system. It is highly relished by most people, and for that reason always finds a ready market. To raise Onions a very clean and rich soil is necessary; it is useless to attempt to grow them on poor ground. Use well-rotted manure liberally. Sow as early in the spring as possible, in drills a foot apart and half an inch deep. When three inches high thin to two inches apart. Keep the soil mellow and clear of weeds. One ounce will sow 100 feet of drill; five pounds an acre.

Special prices to commercial growers will be quoted on application.

Large Red Wethersfield. The standard red, and, owing to its productiveness, the most profitable for the market gardener. Form somewbat flattened, skin a deep purplisb red, flesh purplish white. The magnificent large solid Onions are as mild in flavor as many varieties of lighter coloring. It has splendid keeping qualities, and may easily be held for winter uses. The best variety for poor or dry soil.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75; lb., $2.25.

Mammoth Prize Taker. Genuine seed of tbis variety produces handsome, large, yellow, globe Onions. We bave the seed specially grown for us. Our *American Grown Seed* produces bulbs enormous in size, and the yield per acre is larger than that of any other variety. While not so good a keeper as our Yellow Danvers, it is a valuable sort for immediate or early fall use. The skin is ofa rich yellow straw-color; flesh white, sweet, mild and tender.
Packet 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $.85; lb., $2.50.

Large Yellow Dutch or Strasburg. Tbis variety is one of the old standard sorts. It is flat, white-flesbed, fine grained and mild. It ripens early, makes good size Onions, is exceedingly productive and a good keeper. A popular sort for growing sets, the product being round, bright and smooth.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.25.

Australian Brown. Distinct from all other Onions; uniform in size and shape; wonderfully hard and solid, and will keep almost indefinitely. Ripens extremely early. It is of medium size, round, with skin of a deep amber brown; flesh mild and agreeable.
Packet, 10 cts.; ½ oz., 20cts.; oz., 35 cts.; ¼ lb., 75; lb., $2.25.

Extra Early Flat Red. The earliest of the red sorts, coming into use from ten days to two weeks earlier tban tbe Red Wethersfield. It is adapted to cold, damp, mucky soils wbere otber varieties fail to produce large-size Onions. It is very productive, keeps well, and bas a mild flavor.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75; lb., $2.25.

Southport White Globe. Handsome, large-sized, globular in form. Skin and flesb a pure white. To succeed in producing good pure white Onions, the crop should be pulled just as the stalks begin to fall down, and then allow them to dry off in the open air, keeping them free from rain or dew, which would cause discoloration of the bulbs.
Packet, 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00; lb., $3.00.

Southport Red Globe. Our strain is unsurpassed; it is used for growing the exceedingly fine large bulbs seen in the New York markets. Its beautiful form makes it extremely desirable. It produces large crops on favorable soils, and is a good keeper.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $.85; lb., $2.50.

Southport Yellow Globe. It is entirely distinct from the Danvers type, being somewhat more pointed at each end. Tbe outer skin is pale yellow; flesb white and mild in flavor. Quite productive, very hardy and keeps a long time in good condition after pulling. Our seed stock of Southport Yellow Globe Onion is grown from carefully selected bulbs.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $.85; lb., $2.50.

THIS IS THE YEAR TO PLANT ONIONS. The wise grower is going to plant onions this year. With labor more plentiful and less expensive, and because so many growers, fearful of low prices, are going to stay out of the Onion growing business this year, we are convinced that Onions are sure to be a good money-making crop for the few men who are courageous and far-sighted enough to stick to it and plant their usual acreage. It is men like these who make Onion growing a business and plant their crops consistently year after year that make the money.

LARGE RED WETHERSFIELD

Market gardeners will be very much interested in our List of Special Prices of Vegetable Seeds on page forty-four

Vick's Own Selected Strain

Danvers Yellow Globe Onions

Successful onion growers use this strain in preference to all others. The seed is *Northern grown*, and therefore adapted to growing in any section or climate. This variety is the standard in the eastern markets both for local use and shipping. It produces bulbs of usable size early in the season, so that it is a profitable variety all summer. The globular shape and the satiny-yellow skin make it attractive in appearance at all times. It is an extremely hard and solid variety. The bulbs average fully three inches in diameter; the flesh is pure white, crisp and tender, while the flavor is sweet and mild It is a sure cropper, which fact combined with its other characteristics makes it one of the best and most popular sorts, both for home use and for market.

Packet, 10 cents; ½ oz., 20 cts; 1 oz. 30 cts. ¼ lb, 75 cts. lb. $2.25

A basket of Onions grown by C. H. Ward & Co., Sodus, N. Y., from Vick's Own Selected Strain of Danvers Yellow Globe Onions, good specimens of Vick Quality

Onion Sets

Onion sets should be planted as early as the ground is in condition to work, in rows 12 to 15 inches apart, with sets two inches apart in the rows. Green Onions for bunching come in very early, while the crop of large bulbs matures very much earlier than if grown from seed. Onion sets cost less this season so that a lot of them are going to be planted.

Yellow Bottom Sets. Pound, 35 cts.; 8 lbs., $1.25; 32 lbs., $3.50

White Bottom Sets. Pound, 40 cts; 8 lbs., $1.50; 32 lbs., $4.50

At single pound prices we prepay postage.
Larger quantities, by freight or express, collect.

Egyptian or Top Onion Sets (Perennial)

The young sets of these are produced on top of the stalks. As they cannot be kept out of ground over winter they must be planted in the fall; therefore, orders for them should be given in the spring for delivery the next autumn. When once set out, they will come up year after year as soon as frost is over. They need no protection, grow rapidly, and are very productive.

Pound, 20 cents. prepaid; 8 lbs., 90 cts.; 32 lbs., $3.25, not prepaid.

Italian Onions

These Onions have come into general favor with astonishing rapidity. A few years ago they were grown only as a fancy garden crop; today they are planted extensively for market and have proven to be very profitable. Italian Onions grow rapidly and attain a very large size in a short time. In addition they are of perfect, uniform shape, exceedingly handsome in appearance, and of the best quality. The flavor of the Italian sorts is mild, delicate, pleasing, and well adapted for all culinary purposes. For eating raw, they are unquestionably greatly superior to all other varieties because of their mild flavor. Seed should be sown thicker than that of the American sorts.

Crystal White Wax Bermuda. This new variety from the Canary Islands, is a large, pure waxy white, flat Onion. It is very popular with large market growers in the South and Southwest. It does well in the North, and produces a very mild, sweet Onion.
Packet, 10 cents; ½ oz., 30 cents; oz., 50 cents; ¼ lb., $1.35; lb., $4.00

White Portugal or American Silver Skin. A large flat white Onion of exceedingly mild flavor. It is a popular sort, and when young excellent for bunching or for pickles. It is also especially adapted for growing sets. Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 85 cts; lb., $2.50

Mammoth White Garganus, or Silver King. This is mammoth in size, the largest onion in cultivation. The bulbs are very attractive in form, fine-shaped, flattened but thick, with a silvery white skin. The flesh is snow-white, fine-grained, exceedingly mild, and of pleasant flavor. It matures quite early.
Packet, 10 cents; ½ oz., 20 cents; oz., 35 cents; ¼ lb 85 cents lb., $2.50

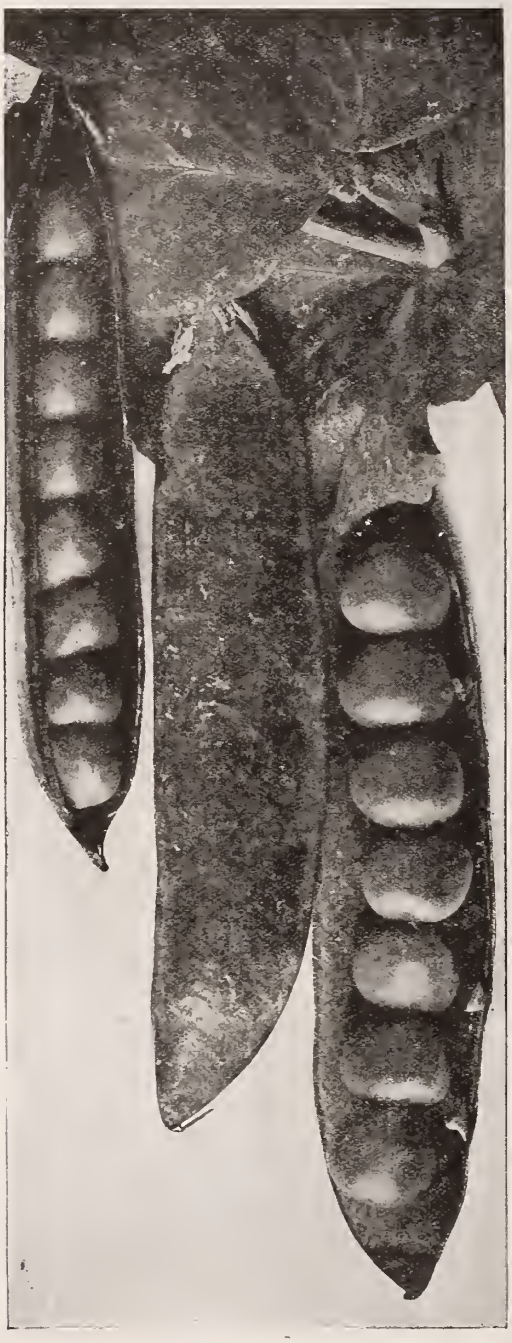
White Queen or Extra Early Barletta. This is an extra arly, very small, round, hard, and handsome variety. The color is a beautiful waxy white; flavor mild and delicate. It is the Onion used in all famous pickle factories in our own country. A favorite for the home garden, as bulbs grown from seed will mature as early as those raised from the ordinary Onion sets. The best variety for pickling.
Packet, 10 cents; ½ oz. 25 cents; oz., 40 cents; ¼ lb., $1.00; lb., $3.00

White Bermuda (Teneriffe grown). The Bermudas are the earliest Onions in the market, and are grown extensively in the South. Outer skin straw color, flesh pure white.
Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.00; lb., $3.00.

Red Bermuda. Similar to the white, but with red skin.
Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.00; lb., $3.00.

The Oldest Mail Order Seedhouse in America

Vick's own selected strain of Danvers Yellow Globe Onion leads all other main crop kind. A money-making kind.



LAXTONIAN

Laxtonian A new dwarf Pea., baving the same high quality as the Thos. Laxton and Gradus. The vines are about twelve inches high and when in bearing are filled with immense dark-green pods containing eight or nine large peas. It is but a few days later than the early sorts, but is classed as a second early It is productive, the pods so large and well filled, and the quality so good that it is deserving of a place in every home garden.
Packet, 10 cents; ½ lb., 30 cents; lb., 50 cents.

From one pint of your Alaska Pea seed planted last April I harvested seven pecks of green peas and one and one-half pint of seed.
W. Upton, Mass. *MARY A. MARBLE.*

Vick's Garden Peas

SOW PEAS as early in the spring as the ground can be worked, in drills about four inches deep. The rows must not be nearer than two feet, except for the dwarf sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pound will sow forty feet of drill; 120 pounds for an acre, in drills three feet apart.

EXTRA EARLY VARIETIES

Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents, except as noted.
For larger quantities, see special prices on page 44.

Thomas Laxton **The Leader of the Extra Earlies.** This Pea outranks all other extra early wrinkled varieties in hardiness and productiveness. It has all the delicious sweetness of the Gradus; the pods are large and shapely, of a rich, dark green color, and filled from end to end with seven or eight very large white-seeded, wrinkled sugar peas, the flavor of which is unsurpassed by any other Pea in cultivation. Vines are strong and hardy and from three to three and one-half feet high.

Vick's First Choice. Positively the earliest maturing pea grown. Vine is semi-dwarf and very prolific; pods large, handsome, dark green, well filled; peas large, sweet, slightly wrinkled. This pea has all of the delicate flavor and desirable qualities of the later maturing wrinkled varieties.

Alaska. A smooth blue Pea, the earliest of all the extra early varieties; good flavor pods dark green, well filled and ripen uniformly. One of the very best for market gardeners, practically the entire crop maturing at one time. Popular for canning. Vines two and one-half feet high. Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents.

Vick's Selected Extra Early. A Specially Selected Strain. The earliest of the early white Peas; unsurpassed either for market or family use; of excellent quality; unusually productive for so early a variety. The pods are well filled, and the entire crop may be gathered generally at one picking. Vines two and one-half feet high.
Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents.

Gradus (Prosperity). As an extra early Pea, the Gradus, being a sugar Pea, is far superior to all smooth varieties, not only in its delicious quality, but also in the size of the peas and of the pods. The vines, which have heavy stems with large green leaves and grow three feet high, produce uniformly large pods, measuring four and one-half inches in length, nearly round, and well filled with very large, handsome peas of the finest flavor. The peas remain tender and sweet for some time after they are large enough to use.

Early Morn. A new variety which will become immensely popular as soon as sufficient stock can be grown to supply the demand. To gardeners who are acquainted with Gradus and know its splendid qualities, it will be sufficient description of Early Morn to state that it is superior to Gradus in productivenes and two or three days earlier.
Packet, 10 cents; ½ lb., 30 cents; lb., 50 cents.

Surprise. One of the earliest wrinkled Peas in the market. Vines grow about two feet high; pods well filled, containing about six or seven peas. Very desirable for those who require an extra early sweet and tender garden pea. Its delicate flavor will please the most fastidious.

Laxton's Superb. A very early semi-wrinkled dwarf Pea, about two to two and a half feet high, carrying an immense crop of extra large pods almost double the size of Gradus, containing from nine to ten peas each. The habit is branching and robust. The peas are exceptionally hardy and may be sown very early. It is considered the finest of the early dwarf kinds. Packet, 15 cents; ½ lb., 35 cents; lb., 60 cents.

Worlds Record. A wonderful new sugar Pea, earlier than Gradus which it resembles in size and flavor, vines two feet high, pods 3½ inches long containing seven to nine very large dark green peas of exceptionally fine flavor. Worlds Record is unusually productive for an early variety and indispensable in the home or market garden.
Packet, 10 cents; ½ lb., 30 cents; 1 lb., 50 cents.

EARLY VARIETIES

Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents, except as noted.
For larger quantities see special prices on page 44.

Little Marvel. An English variety that has come to stay. In fact, it is conceded by those who have grown it, to be one of the best dwarf earlies on the market. When better known it will supercede many other dwarf early sorts. Its strong points are its tendency to bear large crops, and its high quality. It is almost as early as American Wonder or Nott's Excelsior; vines dwarf, growing about fifteen inches in height, heavily set with pods three and one-half inches in length, filled with six to seven large, dark green peas.

Nott's Excelsior. An extra early dwarf, green, wrinkled sort. The peas are superior in sweetness and quality, the vines fully as large and vigorous as American Wonder and the yield in shelled peas fully as large.

American Wonder. One of the very best of the early winkled Peas; bearing large, well-filled pods. The vines are ten to twelve inches high, and of robust habit. A fine variety for the home garden.

Extra Early Premium Gem. An improved Little Gem, another extra fine dwarf Pea. Many consider it equal to either Nott's Excelsior or American Wonder. Vines 10 to 15 inches. Very productive; pods large and peas of excellent quality. An old favorite.

Vick's Alaska Pea is a Favorite with Market Gardeners. Stands Early Planting and Ripens Early and Evenly

MID-SEASON VARIETIES

Packet, 10 cts.; ½ lb , 25 cts. ; lb., 40 cts., except as noted.
For larger quantities see special prices on page 44.

Alderman. A valuable early main crop variety, yielding heavy crops of large, dark green pods, well filled with large peas of the best quality. A splendid market gardeners' variety. Vines four to five feet high.

Abundance. Remarkably productive. Vines one and a half to two feet in height; pods three inches long; peas large, wrinkled, of superior quality.

Everbearing. A fine wrinkled sort, about thirty inches high; very robust, bearing heavy crops of large, well-filled pods; peas of excellent flavor. Owing to its branching habit, the peas may be sown thinly.

Boston Unrivalled. One of the best medium Peas, recently bred up from a strain of the well known market gardeners' favorite, Telephone. Every pod contains seven to eight large, plump peas. It is also very productive. Vines grow four to five feet high, covered with large pods about five inches long and three-fourths of an inch wide. The peas are tender and of excellent flavor. **Packet, 15 cents; ½ lb., 30 cents; lb., 50 cents.**

Telephone. A fine, tall, wrinkled variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. It is decidedly a market garden Pea, filling a basket quicker than any other variety. Vines four feet.

Vick's Daisy. The Daisy is a second early Pea of robust habit; the vines grow about two feet in height, bearing an abundance of well-filled pods containing seven to nine large and deliciously flavored peas. It is one of the finest early green wrinkled Marrow Peas in cultivation. Sturdy and branching in habit, requiring no stakes, coming early and remaining late in profitable productiveness, giving green peas of considerable size and of best quality, it is one in the very front rank.

MAIN CROP VARIETIES

Packet, 10 cts.; ½ lb., 30 cts; lb., 45 cts., except as noted.
For larger quantities see our special prices on page 44.

Admiral Dewey. A fine main crop variety. Very productive; bearing enormous pods of large sugar Peas. Vines about three and one-half feet.

Improved Stratagem. This is one of the best of the large podded sorts; vigorous, productive, and of exceedingly fine quality; a favorite with market gardeners everywhere. Vines two to two and one-half feet high.

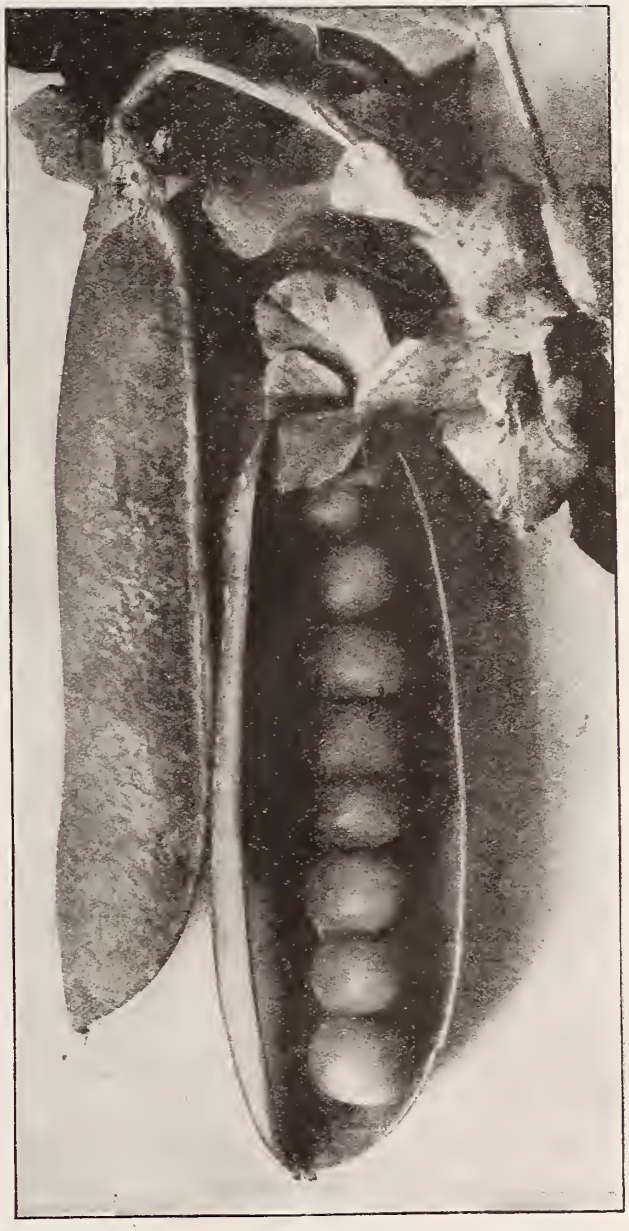
Champion of England. A handsome variety, popular everywhere. One of the richest and best-flavored green wrinkled Peas. Five feet in height.

Large Black-Eyed Marrowfat. Well-filled pods. Four feet tall.
Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents.

Large White Marrowfat. Like the Black-Eyed Marrowfat, extensively grown as a field crop. **Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.**

Canada Field. Possess high value for hay, for green fodder, and for seed grains for all kinds of stock. **Postpaid 1 lb., 25 cts.**; Charges not prepaid, **2 lbs., 30 cts.; 15 lbs., $1.65; 60 lbs., $6.00.** Subject to market change.

GRADUS OR PROSPERITY PEAS (See page 34)



VICK'S DAISY

EDIBLE POD VARIETIES

Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.
For larger quantities see special prices on page 44.

Dwarf Gray Sugar or Edible Pod. This is a hardy variety and can be planted much earlier than beans. Vines are dwarf and very prolific. Pods gathered when young and cooked whole the same as snap beans make a very appetizing dish. These peas are equal to the best snap beans. Are ready for the table earlier than any green vegetable dish with the exception of spinach and perhaps asparagus. Give it a trial in your garden this Spring.

Melting Sugar. This variety is used either shelled or cooked in the pod, like snap Beans, and when young is very tender and sweet. It is but little known in this country, while abroad it is considered a great relish

We got all our garden seeds of your firm this year and they are up and growig just fine. Our peas (Thomas Laxton and Telephone) are especially nice.
Austin, Pa. *MR. MORRISS T. DAWSON.*

Enjoy peas of first quality all summer by planting main crop varieties to succeed the early ones

Green Mountain Potatoes in young orchard on one of our farms.

VICK'S SEED POTATOES

Never before has the importance of Potatoes been so great as the present time. The responsibiltiy put upon America for feeding a large portion of the civilized world makes it imperative that every one makes the most of the potato crop. Potatoes are rich in nutritive substance and can be used in so many ways that it is needless for us to emphasize their value. For this reason it is especially important that only stocks of good quality be planted in order to insure the best results and largest yields. Our Potatoes are very carefully selected from crops grown largely on our own farms. Only Potatoes that are true to type and free from disease are used.

All the prices quoted on this page, are f. o. b. Rochester, except as noted and are subject to market changes. We make no charge for packing. Prices on larger quantities on application.

We always ship Potatoes and other heavy goods by Freight, except when ordered sent by Express, or when the quantity is such that to send by Express is cheaper.

EXTRA EARLY VARIETIES.

1 lb., 30 cents; 3 lbs., 60 cents, by mail or express prepaid.
Not prepaid 15 lbs., (pk.) $1.00; 60 lbs. (1 bu.) $3.25; sack of 165 lbs., $8.75

Ohio Junior. This variety, while not of recent introduction, is one of the earliest. Potatoes cultivated, and on this account is prized by market growers. The tubers are, oblong oval, round at the seed end, with full eyes that are almost even with the surface, An excellent keeper, very productive, of fine quality.

Early Six Weeks, This is one of the earliest varieties ever produced. In spite of its earliness the yield is very satisfactory and the quality is excellent, color light pink, flesh very white and mealy.

Bliss Triumph. The earliest potato grown. Round, bright red, handsome and productive, Resembles Irish Cobbler in size and shape.

EARLY VARIETIES

1 lb., 30 cents; 3 lbs., 60 cents, by mail or express prepaid.
Not prepaid, 15 lbs., (pk.,) 90 cents; 60 lbs. (bu.) $3.00; sack of 165 lbs., $8.00, except as noted.

Bovee. For an extra early this variety is one of the very best; almost as early as the Obio and an exceedingly heavy yielder for an early Potato. A vigorous grower, good keeper, and of fine quality. In color it resembles the Hebron or Rose class. It grows to a good size, oval in shape. An excellent variety.

Early Rose. An old favorite early. One of the best for the home garden.

Irish Cobbler. An extra early, white, round Potato, Strong, vigorous grower. Yields well, fine cooking quality and one of the very best early sorts. We had such a fine crop of this variety this year that we can make a lower price for it than for any other early sort.
15 lbs., (pk.) 85 cts.; 60 lbs., (bu.) $2.75; sack, 165 lbs., $7.00.

LATE OR MAIN CROP VARIETIES.

1 lb., 25 cents; 3 lbs., 60 cents. by mail or express prepaid.
Not prepaid, 15 lbs. (1 peck 85 cents; 60 lbs. (1 bu.) $2.75; sack of 165 lbs., $6.75.

Vick's New Number Nine. This new variety was originated in the vicinity of Rochester, and for the past three years bas been yielding from 200 to 300 busbels per acre. Owing to its enormous yield and its tendency to resist blight, together with being nearly round, of uniform size, and of excellent quality, it is an ideal late white Potato for main crop planting.

Rural New Yorker. One of the best known and most popular sorts in this locality. It is highly recommended for heavy yields and for excellent quality, the tubers are large, oval, white-skinned and mealy.

Improved Green Mountain. This is a big improvement over the Green Mountain of ten years ago. We find it one of the most productive kinds on our farm. One of the best general crop varieties; round, white, large tops. In our opinion the best eating potato grown.

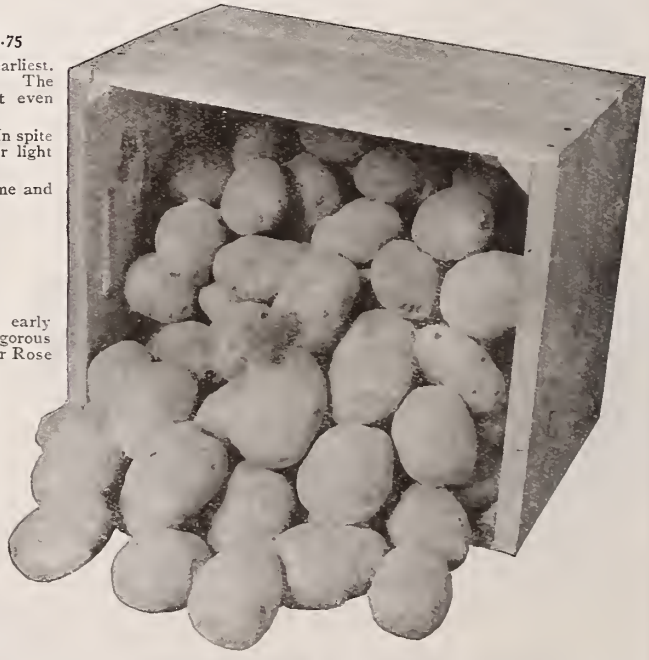
Victor. One of the best main crop, round, white potatoes in cultivation; skin smooth and clear; shape uniform; tubers sound and of excellent cooking quality. This new sort is very productive, with vines large and branching, and yielding a large number of fine, sound tubers of just the right size and shape, in each hill.

Vermont Gold Coin. This is a potato of quite recent introduction, white, round and a very heavy yielder. The tubers are of uniformly good size and excellent for cooking.

Improved Russet. An extra fine strain of this excellent variety. Vines are vigorous and thrifty and resist blight and disease. Tubers are large, round, and skin a rusty white. It keeps exceptionally well late into the spring without sprouting.

South Dayton, N. Y.

We received seed potatoes May 15th in good condition. Fine potatoes, well pleased. Thank you for your prompt delivery after we enquired about them.
J. & P. BUTCHERS.



IMPROVED GREEN MOUNTAIN POTATO

We had wonderful results with our Irish Cobbler Potatoes this year. For a medium early potato this variety is uncxcelled

PUMPKIN, SUGAR OR PIE

Vick's Pumpkins

Calabaza azucar o pastel, Span.; Zucca, Ital.

Did someone say Pumpkin Pie? Prepare for this treat by growing Vick's Pumpkins in your garden. Easy to grow.

Plant in hills eight feet apart each way, any time after the middle of May. Avoid planting near other vine crops, as they will hybridize and damage the crop. One ounce will plant about twenty-five hills; four pounds an acre.

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50; except as noted.

Winter Luxury. A medium-sized pumpkin, of very high quality. It is also a good keeper, wonderfully productive, and its finely netted skin and golden-russet color make it desirable for market use.

Large Sweet Cheese (Kentucky Field). Very productive. Shape flat; skin mottled light green and yellow, changing to a rich deep orange color; flesh yellow, thick, and tender.

Golden Oblong. A productive variety, oblong in shape, growing 16 to 18 inches long. Skin golden orange, thin and tough; almost as good a keeper as the hard-shell winter Squash. Flesh yellow, dry, and sweet; excellent.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. Fruit oblong skin mottled with green.

Tennessee Sweet Potato. Bell shaped, rather small but fine for pies. Flesh is thick, creamy- white, of splendid quality.

King of the Mammoths, or Jumbo. The largest of all Pumpkins. Round in shape, flattened at both ends. It is a splendid keeper, and valuable for stock feeding; also desirable for exhibition purposes.

Connecticut Field. The hardiest of all Pumpkins; cultivated mainly for stock feeding, producing enormous crops.
Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.00 cents.

Cushaw, or Crookneck. A favorite sort of excellent quality.
Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents.

Sugar, or Pie. The Favorite for Pies. Small, round, handsome deep orange. Flesh fine grained, sweet and dry. Plants very productive.

MAMMOTH SANDWICH ISLAND SALSIFY

SALSIFY or Vegetable Oyster

Salsifi blanco, Span.; Sassefrica, Ital.

Mammoth Sandwich Island. Salsify grows the same as parsnip and is one of the best and most nutritious of our vegetables. It has a most distinct oyster flavor and is delicious fried or served in Soups. It is a good remedy for indigestion; to preserve its medicinal value, boil whole, then peel, slice and prepare in your favorite way.

Packet, 10 cents; oz., 30 cents; ¼ lb., 75 cents; lb., $2.25.

Vick's Summer Asparagus

Cut and Come Again Vegetable

Read the letters below from some who have tried it

One of the most delectable vegetables that has been introduced in years. Well worth a place in everyone's garden. All who have tried it pronounce it delicious.

The plant makes a strong growth, very much like that of the Summer Crookneck Squash. The oblong green fruit forms close down in the axils of the leaves. It should be cut when not more than four to six inches long. If the fruit is allowed to grow larger it loses its delicacy of flavor, and when one fruit is allowed to mature it checks the formation of any more fruit on that plant. Care should be taken in cutting not to injure the plant.

Cooked the same as Asparagus, either whole or cut in small pieces without peeling. Especially delicious cut in small pieces and cooked with cream. It may also be sliced and fried or used as a salad.

Four or five hills is sufficient for a large family, as it may be cut almost every day until frost. Sown early it will fruit from the latter part of June until October. Plant in hills 3½ to 5 feet apart. Seed may be sown from the latter part of May until July first.

Packet, 10 cents; ounce, 25 cents.

SUMMER ASPARAGUS

Sirs:—Last summer I planted some of your "Summer Asparagus" and like it very well. I planted only one package for the first as there was no one around here who had ever grown it or heard of it, and my customers all wanted to try it. They were so well pleased with it that I was unable to keep them supplied. I will have to plant more this year, as I think there will be a big demand for it.

I planted them in hills, six feet apart, and three plants to a hill, and had a row fifty feet long from a ten-cent packet of seed. I sold seven dollars worth of fruit besides having some for my own use and giving some to my customers for samples. They were just getting in good demand when the frost killed the plants. Some of my customers cooked the fruit the same as Asparagus, and some like Egg Plant, and said it was delicious both ways.

Wishing you many more years of success.

Wisconsin. C. R. LEWIS.

Gentlemen:—We planted some of your Summer Aspargus last May, and although the season was a trying one for vegetables, first too wet and cold, then too dry and hot, they furnished us many a delicious dish from July until December 9th, when we had our last picking. We have had several frosts, but have covered our Asparagus. They just could not stop bearing it seems. They have buds and blossoms on now, but it is too wet and cold for them to mature. We consider it as one of our finest vegetables, and all who had a chance to sample it thought it the "best ever." We put up several jars. They look fine, and I imagine will taste as well.

Oregon, GEORGE SHEPPARD.

The seeds we bought of you last spring came up fine and we have a fine garden this season.

We have some of the Summer Asparagus and enjoy it very much, much more than any Summer Squash and we have canned some of it.

S. Manchester, Conn. E. BYRD FREEMAN

We think your Summer Asparagus the most delicious vegetable we have ever eaten.

Baldwinsville, N. Y. A. H. REDMOND

When ordering plants or shrubs remember that we prepay the Express or Parcel Post east of the Mississippi River

VICK'S RADISHES

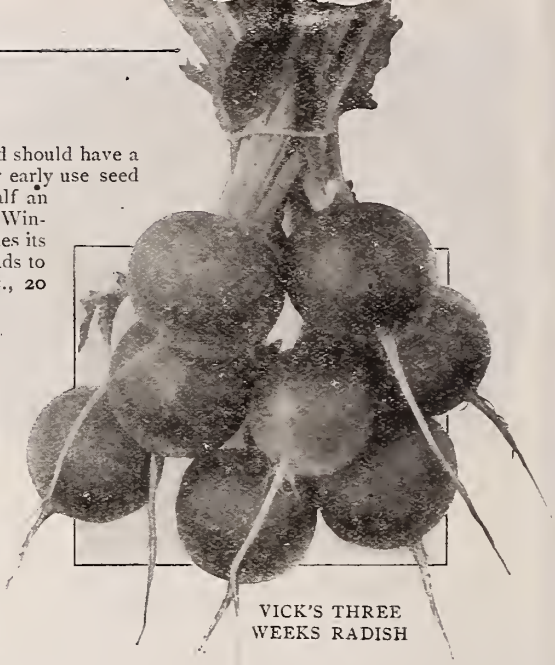
Rabano, Span. Ravanello, Ital.

The Radish is a popular vegetable which makes an excellent relish, and should have a place in every garden, whether planted for home or market purposes. For early use seed should be sown in the hotbed, in drills, three to four inches apart and half an inch deep. For open ground sow as early as weather conditions permit. Winter Radish should be sown about the middle of the summer, as it makes its best growth in autumn. One ounce will sow 100 feet of drill; ten pounds to the acre. **Prices all varieties, except as noted. Pk't., 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.00.**

Vick's Three Weeks Radish

A New Forcing Radish of Great Value

Vick's Three Weeks Radish is entirely distinct from any Radish heretofore offered. As an all-around Radish we do not think it can displace Vick's Scarlet Globe; but it has distinctive value in that it can be grown, ready for the table, in less than three weeks from the day of sowing the seed. The root begins to develop with the development of the first leaves. This new Radish has a color quite distinctive, a light, fiery scarlet, giving it a very attractive appearance in the market or on the table. As a forcing Radish we have found Vick's Three Weeks all that could be desired. Solid, crisp and tender. Valuable for the garden. **Packet, 10 cents; oz., 35 cents; ¼ lb., 75 cts.**



VICK'S THREE WEEKS RADISH

Vick's Early Crimson. An excellent variety for forcing or for the garden. Very desirable for Market Gardeners as it is ready for bunching in thirty days from the time it is seeded in the open; it attains double the size of ordinary globe-shaped varieties and remains solid, sweet and tender, longer than the average early sort. Crimson Giant is a valuable addition to the radish list. It is a deep globe shape bright crimson color and very attractive.

Early Round Dark Red (Non plus ultra). Especially adapted for forcing on account of its very small tap-root and top. It is also good for summer use in open ground. Skin dark red; flesh white, crisp and tender.

French Breakfast, or Scarlet Olive-shaped White Tip. Very tender and beautiful. Fine for open ground or forcing.

Long Brightest Scarlet or Cincinnati Market. The brightest and handsomest long scarlet Radish grown. Fit for use in twenty-five days from the time of sowing, and remains in good condition until fully grown.

White Delicious. An improvement on the White Strasburg, being earlier, more evenly shaped, and having a smaller top. For outdoor early fall sowing it is sure to make a crop of uniform white Radishes. Quality first class.

White Strasburg Summer or White Hospital. A large white, showy, half-long variety. Matures early. A leading market variety.

Cooper's Sparkler. A new variety of an entirely distinct type. In shape it is globular; the top is very short, thus making it adaptable for forcing, although it is equally good for outside. The color is a rosy carmine, with a long white tip. Cooper's Sparkler will keep longer in good condition than any other variety we have tried, and can be grown the year round. Successive sowings should be made throughout the summer.

Vick's Improved Long Scarlet Short-Top. The favorite long market Radish everywhere; six or seven inches long. Our strain of this popular sort has been grown from a selection year after year until it is perfection itself.

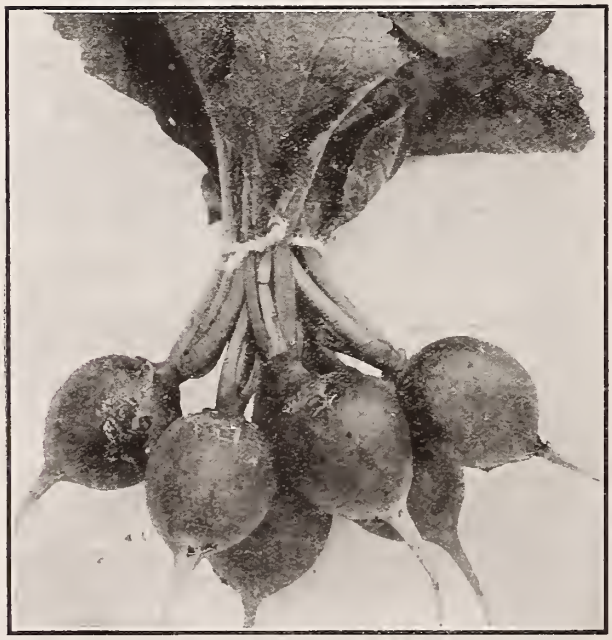
Long White Vienna or Lady Finger. Beautiful in shape; skin and flesh snow white; crisp and tender.

Icicle. A beautiful transparent white variety, about three inches long and half an inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing.

Scarlet Turnip White Tip (Rosy Gem). Very desirable for forcing and outdoor planting; tops and roots both small; skin bright scarlet; flesh very mild and crisp. An ideal Radish for all purposes.

All Seasons: A round scarlet radish of unusual merit especially valuable for sowing at intervals throughout the entire spring, summer and fall seasons. It remains solid and sweet at all stages of its growth. At the size of a baseball it is as mild and brittle as when the size of a marble. This remarkable radish will mature in six weeks and the roots from fall sowing may be so stored for winter use.

We offer the following other good varieties; Yellow Turnip, Wood's Early Frame.



VICK'S EARLY SCARLET GLOBE

Vick's Early Scarlet Globe

The Best Radish for General Use

Vick's Early Scarlet Globe Radish is the best all-around Radish on the market, and is therefore valuable for both the home gardener and the man who grows Radishes for the market. You will find "Vick Quality" in every ounce.

It is handsome in both form and color, a beautiful oval and a rich scarlet; the flesh is crisp, tender, juicy and mild. The amount of its foliage is small compared with other varieties and small for the size of the Radish, making it a particularly attractive market sort. As a forcing Radish, Vick's Early Scarlet Globe is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy. Away back in 1884, we introduced this universally popular Radish, and today it is sold by almost every seedsman in the world, and is also used by the leading market gardeners both for forcing and out-of-door planting. Owing largely to our care in selecting and growing seed, it leads all other varieties.

Packet, 10 cents; ounce, 25 cents; ¼ lb., 50 cents; lb., $1.25.

Here are two extra fine Radishes, Vick's Scarlet Globe and Vick's Three Weeks. Try them in your garden this spring

WINTER RADISHES

Wiuter Radishes are Nature's way of furnishing us their appetizing relish long after summer varieties ar gone. They grow slowly, and are ready for eating in the autumn. Much larger than summer varieties. Sow the latter part of August or in September. Harvest before severe frost. Roots may be stored in sand in a cool cellar. When they are to be used, throw into cold water for a short time and they will regain their crispness.

Packet, 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Chinese Rose Winter (Scarlet Chinese). One of the very best.

Large White Spanish Winter. Long Black Spanish Winter. Round Black Spanish Winter.

California Mammoth White Winter. Eight to twelve inches long and from two to three inches in diameter; white, solid, and of good flavor.

Japanese Radish. A Japanese variety of great size, some specimens weighing as much as 12 to 15 pounds. Oval in shape, with light cream colored skin and pure white inside. Very popular in Japan. While it is called a Radish, it is not eaten raw as we do our Radishes, but cooked like a Turnip, the taste being very mild and pleasant. Well worth a trial. Those liking the Turnip will relish this vegetable. Seed must be sown in May.

SPINACH

Espinaca, Span.; Spinace, Ital.

Nearly everyone likes succulent green vegetables in early spring. If you have not sown Spinach in your garden heretofore, why not try it this year? It is the easiest and quickest way to produce a crop of delicious, tender "greens." We handle immense quantities of Spinach Seed for a critical market garden and truck farm trade, in order to supply which we are growing some especially fine strains on our own farms.

For a succession, the seed may be sown early in April and again in May in drills one foot apart and one inch deep, properly thinning out when plants are an inch in the leaf. For the earliest spring crop, sow from first to middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 100 feet of drill 10 pounds for an acre in drills.

Packet, 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., .75 cts. except as noted.

All Seasons will remain in an edible condition longer than any other variety we have grown. The foliage is dark green, crinkled, sweet and luscious. The seed may be sown at intervals during the summer. An exceptionally fine variety.

VICK'S IMPROVED THICK-LEAVED OR LONG STANDING SPINACH

Improved Thick-Leaved, or Long-Standing. Leaves large and thick, somewhat crumpled, and very tender. The most popular variety ever grown. We have a splendid strain of this excellent variety.

Victoria. A valuable sort. Its attractive dark green color, long-standing and hardy character make it desirable for both spring and late sowing.

Round or Summer. Adapted for early spring sowing, and quite popular with market gardeners. Leaves thick and large. It stands the winter well.

Large Round-Leaved Viroflay. Large, round, thick and fleshy leaves. Good for early sowing. Quite hardy. One of the best for fall sowing.

Bloomsdale or Savoy-Leaved (Norfolk.) The earliest of all varieties, and one of the best to plant in autumn for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage.

Fall Spinach. This is an exceptionally hardy variety for planting in the late fall or very early spring. The leaves are large, round and fleshy and will stay in condition during unfavorable weather better than any other variety. It may be sown in January when the snow is off the ground and it will come out in the early spring as soon as the ground thaws.

New Zealand. This variety grows two or three feet in bush form. The leaves and stems are succulent and tender. The abundant fresh, tender foliage may be picked frequently during the summer. A new supply will quickly develop. It succeeds in almost any soil. The seed should be soaked in warm water a few hours before planting.

Packet, 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.25

RHUBARB

Ruibarbo, Span.; Rabarbaro, Ital.

Rhubarb is probably the most useful and popular of all perennial foliage plants for table uses, and is grown more extensively than all others. No garden should be without a few roots, which are sufficient to keep the table supplied with sauces, pies and preserves.

Two-year-old roots, if set about three feet apart in rich, mellow soil in early spring, will begin to yield a supply of stalks for cooking the following spring.

To grow from seed sow in drills ten inches apart and one inch deep. Thin plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year. One ounce should give about 500 plants.

Strong two-year-old roots, each, 20 cents; six for $1 00; dozen, $1.75 except as noted.

Seed packet, 10 cents; ounce 15 cents; ¼ pound, 25 cents; pound, 75 cents, except as noted.

St. Martin's. One of the earliest as well as most prolific. Easily grown from seed.

Linnæus. Early and tender. Easily grown from seed.

Victoria. Very large, but later than Linnæus.

Vick's Strawberry. Far superior to all others for making pies and sauces. Its stalk is a beautiful strawberry red or pink all the way through; extremely tender, fine flavored and juicy.

Roots furnished only, each, 25 cents; ½ dozen, $1.25; dozen, $2.00.

Just a few words to congratulate you on your Golden Nugget Corn. I always prided myself on raising good sweet corn but this is the best I have eaten. I bought three quarts from you this Spring and we cut one hundred and twelve dozen the past week.

Camp Hill, Pa., Aug. 11, 1919 — *G. E. Brown.*

VICK'S STRAWBERRY RHUBARB

See page 21 for Vick's Golden Nugget Sweet Corn, the best variety grown.

There is nothing like succulent, green Spinach fresh from ones own garden to tone up the human system

Vick's Earliana
The Best Early

Vick's Selected Tomatoes

Tomate, Span. Pomo d' oro, Ital.

THE many uses to which the Tomato can be put makes it an ever popular vegetable. It is always a welcome addition to any meal It is excellent as a salad, for canning, for catsup, and in soups. The Tomato is also valuable in its green state for pickling. We offer a list of tested varieties which are bound to give satisfaction. Sow seed for early Tomatoes in boxes in the house or in a hotbed early in March. In about five weeks plants should be transplanted, setting them about four or five inches apart. Thus they should remain, having all the air possible, until after the middle of May, when they may be put out in the ground, four feet apart each way The soil for early Tomatoes should not be too rich. Pinching off the ends of the branches when the first fruit is set, will hasten the ripening. One ounce of seed will produce 2000 plants; one-quarter pound (to transplant) for an acre.

Earliana Tomato —Vick's Improved Strain

In a remarkable report recently issued by one of the best known and most careful State Experimental Stations, it states that in a series of tests of various strains of Earliana, ranging over several years, our strain of Earliana ranked first for earliness and second for productiveness over the whole period. This is probably the most thorough and unbiased test ever made. No more conclusive argument is needed to substantiate our statement that Vick's Improved Strain of Earliana is so vastly superior to the ordinary run of this variety as to entitle it to a special consideration if not a new, distinctive name.

Vick's Improved Strain has been grown on our own farms continuously since the variety was first introduced, and by careful selection it has been improved by us from year to year until it now grows uniformly round and smooth.

Vick's Improved Strain sets its fruit thickly in the center of the plant.

Vick's Improved Strain ripens its main crop early. Instead of ripening one at a time at intervals through the whole season, the whole crop usually ripens within a short time.

Vick's Improved Strain ripens up to the stem better than any other variety of early Tomato now on the market.

Vick's Improved Strain has a small growth of vine and may be planted two and one-half by four feet, effecting a great saving of space over many other varieties.

All these splendid qualities united make **Vick's Improved Strain the best** Tomato for commercial or home grower.

Packet, 10 cents; half ounce, 30 cents; ounce, 45 cents; quarter pound, $1.25; pound, $4.00.

John Baer Tomato. An extra early scarlet variety of superior merit. Productive and hardy; round, smooth and firm. Excellent quality, one of the first to ripen, and furnishing fruit for the market for a long season. A good variety for the market or home garden.

Packet, 10 cts.; ½ oz., 30 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $4.00.

Livingston's Royal Red. A fine, large, deep red, smooth variety. Fruit very attractive and quality unsurpassed. Very productive. Excellent for eating either fresh or cooked. Splendid for catsup and canning. One of the best for the home garden.

Packet, 5 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.00.

Ponderosa. A purple-pink, main crop Tomato of the largest size. The vines are vigorous and very productive. The fruit is solid with exceptionally few seeds; fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. It is a very desirable tomato for slicing.

Packet, 10 cts.; ½ oz., 30 cts; oz., 45 cts.; ¼ lb., $1.50.

Improved Stone The Best Main Crop Red Tomato. Color bright scarlet; very smooth, ripening even to the stem without a crack; exceedingly solid and firm fleshed; very large and very productive; an excellent shipper; quality the very best; not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard main crop Tomato for market gardeners and truckers, and superior for canning. Packet, 10 cts.; ½ oz., 25 cts.; oz., 40 cts; ¼ lb., $1.25; lb., $4.00.

Vick's Improved Earliana should be planted in every garden where the very best in yield and quality is desired

Improved Stone

Standard Varieties of Tomatoes

Packet, 10 cents; ½ ounce, 25 cents; ounce, 40 cents; ¼ lb., $1.25; lb., $4.00, except as noted

Dwarf Stone. The largest dwarf variety. The fruit resembles Improve Stone; equally as good in quality. It ripens evenly and has an excellent flavor. Plants require less space than other varieties and are very productive.

Chalk's Early Jewel. A fine second-early Tomato about ten days later than Earliana. Fruit large size, fine flavor; bright scarlet, solid; has very few seeds. The plants are stocky and strong. One of the best for shipping and the home garden. Continues bearing throughout the summer.

Golden Queen. (Queen of the Yellows.) Solid, smooth, large in size, and ripens early. Makes a handsome, rich preserve. This Tomato should be grown in every home garden; its flavor is better and more delicate than the red varieties, the flesh finer-grained, very tender, and of a handsome yellow color which makes it especially attractive when sliced with the red sorts. Try it.

Dwarf Champion. Dwarf and compact in habit, the plants growing stiff and upright, with very thick and short-jointed stems, requiring no stakes. Often sold as Tree Tomato. Can be planted as close as three feet. Unsurpassed as a cropper. Color deep red, with a purplish tinge. Round and smooth.

Red Rock. One of the best medium early or main crop canning tomatoes of recent introduction. Fruit is round, smooth, exceptionally firm and bright red. This variety is a great favorite with the canner, both home and commercial.

Greater Baltimore. An excellent main crop variety, very popular among the canners of the great Maryland Canning Fields. The fruit is large, bright red and firm, a heavy cropper and good shipper.

PONDEROSA

Matchless. One of the best main crop varieties. Large, smooth, bright red.

June Pink. A pink selection from Earliana. Very productive.

Bonny Best. Almost identical with Vick's strain of Earliana in vine and fruit, but a week to ten days later.

Magnus. Medium early, of perfect form, large, ripens evenly, does not crack about the stem. Flavor delicious. Potato leaved foliage.

Sterling Castle. A superior forcing variety of European origin. Is Exceedingly prolific, round, medium size, of good red color and a valuable variety for greenhouse culture.

SMALL FRUITED VARIETIES

See illustrations in color on inside front cover.

The Small Fruited Tomatoes are most interesting and can be used in so many delightfully attractive and appetizing forms in salads, or for preserves and pickles, and are so very prolific, that they are getting more popular every year. They are invariably used whole.

Package 10 cents; ¼ oz., 25 cents.

Red Peach. A small red, very prolific, peach-shaped preserving tomato. Has a unique and attractive "bloom" as on a peach.

Yellow Peach. Same as above except in color.

Red Cherry. Small, perfectly round and smooth, bright red, borne in large clusters. Fine for preserves and pickles.

Yellow Cherry. Differs from Red Cherry only in color.

Pear-Shaped Red. True pear-shaped, small, bright red. Used for preserves and for making "Tomato figs."

Pear-Shaped Yellow. Same as the above, except color.

Plum-Shaped Yellow. Handsome in appearance and valuable for preserving. Excellent served raw with pepper and vinegar.

Husk or Strawberry (Winter Cherry, etc.) Fruit golden yellow, size of a cherry. Fine for pies, or preserves, and is very palatable to eat from the hand as you would strawberries.

Red Currant. Very small, bright red, borne in long clusters like currants. Very prolific and very attractive in appearance.

The Standard Varieties Below at Lower Prices

Pkt., 5 c; ½ oz., 20 c; oz., 30 c; ¼ lb., $1.00; lb., $3.00.

Acme. A hardy, strong growing variety. Fruit ripens early. Fruit of goodsize, ripening well to the stem. Purplish pink in color; flesh solid.

Beauty. Excellent market variety, being very solid, with strong skin, so that it stands shipping well.

Favorite. One of the best bright red varieties. Ripens evenly. Uniformly smooth. Keeps well.

Paragon. Medium early, bright red. Flesh solid and of superior quality.

Perfection. Medium size, bright red; earlier than Stone.

Improved Trophy. A very large midseason variety; rich, deep red; fruit solid, smooth, of uniform size and excellent quality.

Ripe Tomatoes are always a welcome addition to the meal; especially when they are fresh from your own garden

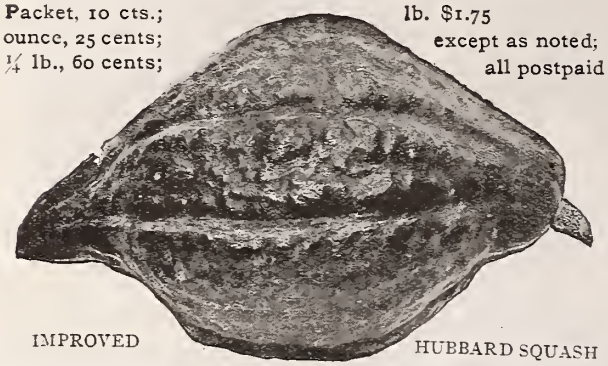
SQUASHES

Calabaza, Span. Zucca, Ital.

The Squash not only adds to the list of vegetable delicacies but possesses considerable food value. The fall and winter varieties make delicious pies, and are in great demand. Squashes require a rich soil. Use plenty of pulverized sheep manure or other fertilizers in the hills. Plant a dozen seeds in each hill, and when plants begin to branch cut out all but three or four, being careful not to disturb those remaining. For bush sorts, make hills four or five feet apart each way, and for the running kinds twice that distance. Winter Squashes should be ripened thoroughly, or they will not keep through the winter. One ounce of early varieties for fifty hills and two ounces of late will plant fifty hills; three to four pounds per acre.

FALL AND WINTER SQUASHES

Packet, 10 cts.; ounce, 25 cents; ¼ lb., 60 cents; lb. $1.75 except as noted; all postpaid



IMPROVED HUBBARD SQUASH

Improved Hubbard. The standard Winter Squash; no better variety grown; more generally cultivated as a late sort than any other. Flesh fine-grained, dry and of excellent flavor.

Chicago Warted Hubbard. This has some points not found in the old standard, the shell having a dark green, almost black, color; and also distinguished by a dense covering of knots or warts. It is of first-class quality

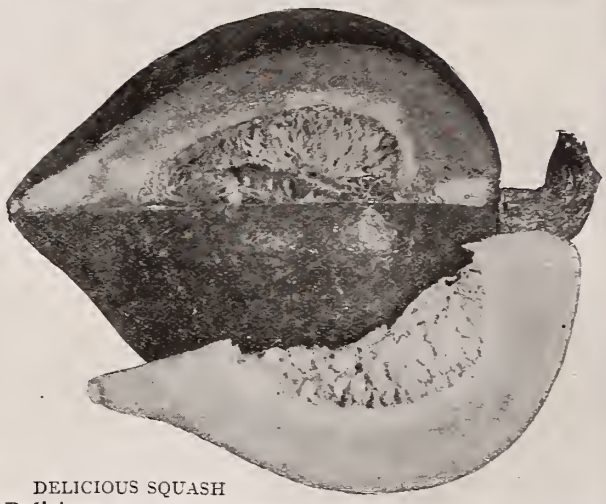
Red, or Golden Hubbard. This is a true Hubbard Squash except in color, which is a bright orange-red. The flesh is deep golden yellow.

Early Prolific Orange Marrow. An improvement by selection from Boston Marrow; not so large but much earlier. Skin orange-colored; flesh deep, fine grained, and of delicious flavor.

Packet, 5 cents; ounce, 15 cents; ¼ lb., 40 cents; lb. $1.00

Golden Bronze. Weight from eight to ten pounds; color, a dark grayish green with bronze on the upper surface when ripe; flesh golden-yellow, very thick, fine grained; sweet, and of a delicious flavor. Matures early, and is a good yielder and splendid keeper. As a Squash for the table and pies it has no superior.

GOLDEN BRONZE SQUASH



DELICIOUS SQUASH

Delicious. In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is dark bronze green. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is best in the fall and early winter.

Packet, 10 cents; oz., 30 cents; ¼ lb., 65 cents; lb., $2.00.

Fordhook. A very fine winter variety. Shell a bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure cropper and very productive. Pkts. 10 cts. oz. 30 cts. ¼ lb. 65 cts. lb. $2.00.

Boston Marrow. Very popular in the Boston market. Oval shape; skin yellow; flesh orange-colored and fine-grained.

Packet, 5 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, $1.00.

Mammoth Chili. The largest of all Squashes; grows to an enormous size. One of the most profitable sorts for stock feeding. Keeps well throughout the winter; extensively grown for prize exhibits. Flesh fine-grained, excellent for pies.

Packet 10 cents; oz. 25 cents; ¼ lb. 60 cents; 1 lb. $1.75

We have excellent Squash now the Delicious, a kind we value highly, as even the small ones can be cooked and are both sweet and dry.
Fishdale, Mass. *Susan R. Douty, Southbridge, Mass.*

We got the best Hubbard Squash of you we ever had. An hour ago we had your squash for dinner. Just as dry and sweet as they were last fall.
Elk River, Minn., March 25, 1920. *Mrs. A. M. Hulbert.*

SUMMER SQUASHES

Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $1.75.

Mammoth Bush Summer Crookneck. The richest and best of the Summer Squashes. Early and productive. Color golden yellow; flavor sweet and rich. It is almost twice as large as the ordinary Summer Crookneck.

Mammoth White Bush Scallop. (Silver Custard). The best of the scalloped Squashes. Plant true bush form. Fruit oval to flat. Early and valuable for market or table. Handsome and of fine quality.

Early White Bush Scallop (Patty Pan). Early and productive, of medium size. Color, creamy white surface, smooth. Flesh thick and of high quality. In shape, round, flattened at the ends. If fruits are gathered when edible the plants will continue to bear throughout the summer.

Early Yellow Bush Scallop. (Turks Cap.) Similar to white bush scallop except in color. An excellent summer variety.

Delicata. A beautiful small oblong Squash. In color orange, striped with dark green on the outside. The flesh is rich, dry and of extra fine quality when cooked. In season it is very early.

TURNIPS

Nabo, Span. Navone. Ital.

SOW in drills from twelve to eighteen inches apart, and half an inch deep, from the 25th of July until the middle of August. Swede or Ruta Baga Turnips should be sown the first of June, the rows being about eighteen inches apart, and the plants in the rows not less than ten inches. One ounce of seed will sow 200 feet of row; and two to three pounds are required for an acre in drills.

Packet, 10 cts. ; oz., 20 cts.; ¼ lb., 45 cents ; lb., $1.00, except as noted.

Purple-Top Strap-Leaved. Flat, medium size, purple above the ground, white below. The most popular variety for early use, either for table or stock.

Early White Flat Dutch, Strap-Leaved. Similar to above. A fine, early, white sort, of quick growth and excellent quality.

Extra Early Purple-Top Milan. A white variety, purple-top and strap-leaf. This and the White Milan are the earliest of all Turnips; it remains in good condition a long time.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $1.75.

Extra Early White Milan. Similar to above except it is pure ivory white in color, and about one week earlier.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $1.75.

Early White Snowball or Six Weeks. A perfectly globe-shaped, white-skinned Turnip of medium size and excellent flavor. For early sowing this is one of the best, being crisp and tender, and maturing in six weeks from the time of sowing. A good keeper. Fine for family or market.

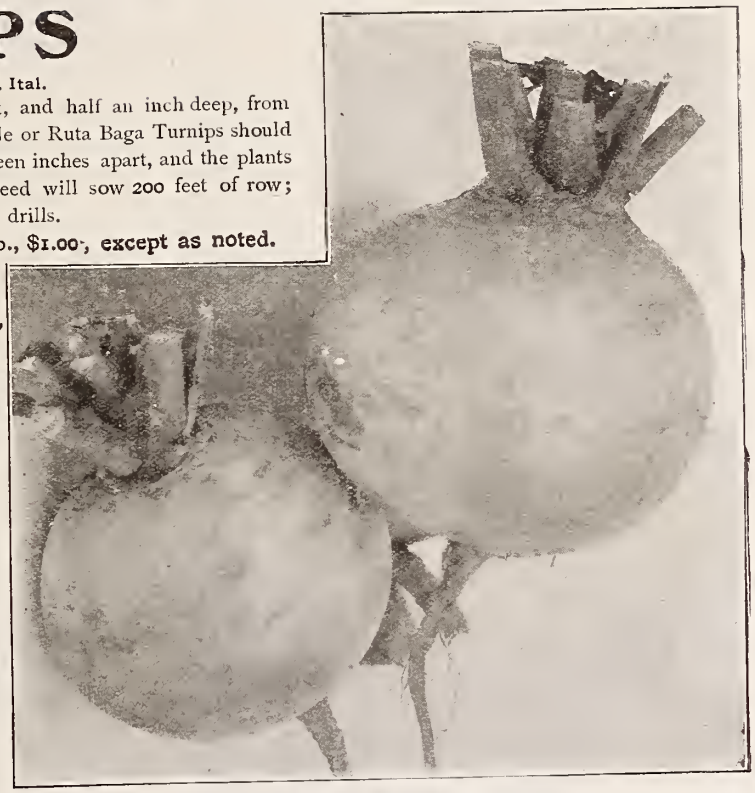
White Egg. An excellent variety. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for table. Can be sown as late as the middle of August.

Long White Cow-Horn. A quick-growing sort, half long in shape, fine-grained, sweet, good quality. Roots grow partly above ground Very productive.
Pkt., 10 cents; oz., 20 cents; ¼ lb., 45 cents; lb., $1.25.

Grey Stone. Grows very large, perfectly round, white, reddish gray tinge at the top and around the stem. It is one of the best summer varieties. Valuable for cattle feeding on account of large yield.

Purple-Top White Globe. An improved variety of the purple-top flat Turnip; globular in shape of fine appearance, a good keeper, of excellent quality; equally desirable for table or stock. Our strain of this variety is unexcelled.

PURPLE-TOP WHITE GLOBE



EARLY WHITE SNOWBALL

Seven Top. A Southern variety used mainly for salad and "greens".

Large Yellow or Amber Globe. Good for general crop. Excellent for table or for stock-feeding. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

Robertson's Golden Ball, or Orange Jelly. This is the most distinct yellow Turnip ever offered. It is of very fine texture, and the best, sweetest and most delicious of the yellow-fleshed varieties. It is of medium size, with small tap-root, a rapid grower, matures early and keeps well. A superior table variety.

Yellow Aberdeen. Roots medium size, round, flesh yellow, tender and sugary. Very hardy and productive. A good keeper. Good for both table and stock.

Large White Globe. Very productive; in good soil roots frequently grow from ten to twelve pounds. Good for table or stock-feeding.

Large White Norfolk. A standard variety for field-culture for stock feeding. Grows to a large size and is very productive.

Scarlet Kashmyr. A well-known, popular table variety. Very productive, medium size, very tender, extra early and of excellent flavor.

RUTABAGAS or Swede Turnips

Col nabo, Span. Cavolo navone, Ital.

Packet, 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

White Sweet Swede. A large, white, solid Swede, sometimes called White Russian. Quite desirable for table or stock-feeding. A great yielder. Fine form and good keeper.

Vick's Purple-Top Yellow An excellent variety either for the table or cattle-feeding. Flesh yellow, firm, solid, rich, and sweet. Very hardy, prolific, tender. A splendid keeper.

Laing's Purple-Top Strap-Leaved. A large early sort of fine quality. Flesh yellow, very sweet. Tops peculiar in that they are strap, or entire-leaved.

Bangholm. (New). This variety is the most largely grown of all Ruta Bagas or winter turnips in Denmark. The most productive, yielding more to the acre than any variety we have tested. The lower half of the root is yellow, gradually shading to a violet toward the top.

Special bargain collections of Vegetable and Flower Seeds, Bulbs, and Plants are on pages 6, 7, and 8.

Vegetable and Flower Seeds are delivered free of charge to any place in the U. S. or Canada, unless otherwise noted.

Special Prices on Peas, Beans and Corn FOR LARGE GROWERS

Gardeners and Commercial Growers who use other seeds in larger quantities than quoted in this book are requested to forward a list of their requirements for Special Market Gardeners Prices.

Instead of having our bulk prices scattered around on different pages, as was customary formerly, we shall continue this year, as last, to group prices together on Peas, Beans and Corn. Prices on this page are reduced to the **actual value of the seed.** Therefore, in ordering, you should specify whether you want the shipment sent by Parcel Post, Express or Freight. If shipment is desired by Parcel Post, sufficient postage according to the rules below must be included. If desired by Express or Freight, charges can be paid to your agent at time of delivery. Remember at these prices we make no charge for boxes or bags.

PEAS

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Alaska (Earliest of All)	50	20	18
Admiral Dewey	80	32	29
Alderman	75	33	30
American Wonder	70	32	30
Abundance	70	32	30
Boston Unrivaled	75	32	30
Canada Field Peas	30	11	10
Champion of England	70	30	28
Everbearing	70	30	28
Dwarf Gray Sugar	75	32	30
Early Morn	75	32	30
Extra Early Premium Gem	60	27	25
Gradus (Prosperity)	75	33	31
Improved Stratagem	60	29	28
Large Black Eye Marrowfat	50	20	18
Large White Marrowfat	50	20	18
Laxtonian	75	33	31
Laxtons Superb	80	35	33
Little Marvel	75	32	30
Melting Sugar	70	32	30
Nott's Excelsior	60	28	26
Surprise	65	29	27
Thomas Laxton	75	32	30
Telephone	75	32	30
Vick's Extra Early	50	22	20
Vick's Daisy	75	32	30
Vick's First Choice	75	32	30
Worlds Record	75	32	30

For Postage See Below

BEANS

For Postage See Below

GREEN POD VARIETIES

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Bountiful	55	23	21
Dwarf Horticultural	55	24	22
Extra Early Red Valentine	55	23	21
Extra Early Refugee	55	23	21
Full Measure	55	23	21
Giant Stringless Green-Pod	55	24	22
Improved Stringless Green-Pod	55	24	22
Keeney's Stringless Refugee	55	25	23
Long Yellow Six Weeks	55	18	20
Refugee 1000-1	55	23	21

WAX POD VARIETIES

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Burpeas Kidney Wpx	60	25	23
Golden Wax (Keeney's Rustless)	50	22	20
Pencil Pod Black Wax	50	22	20
Prolific German Black Wax	50	22	20
Refugee Wax	50	22	20
Surecrop Stringless Wax	60	25	23
Wardwell's Kidney Wax	55	24	22

DWARF LIMA VARIETIES

Fordhook Bush	75	34	32
Improved Busb	75	34	32
True Bush Lima	75	33	30
Wood's Prolific Bush Lima	70	28	26

POLE VARIETIES

Extra Early Jersey Lima	70	30	28
Early Golden Cluster Wax	85	38	35
King of Garden Lima	70	28	26
Large White Lima	70	28	26
London Horticultural	70	30	28
Old Homestead	70	30	28
Scarlet Runner	65	28	25
Seibert's Large Early Lima	70	30	28
White Dutch Case Knife	70	30	28

For Postage See Below

SWEET CORN

For Postage See Below

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Black Mexican	50	20	18
Country Gentleman	50	20	18
Dreer's Aristocrat	50	18	17
Early Evergreen	50	18	16
Vick's Morning Dew	55	21	19
Early Minnesota	45	18	16
Golden Bantam	60	20	19
Mammoth White Cory	50	18	17
Perry's Hybrid Sugar	50	18	17
Vick's Narrow Grain Evergr'n	50	18	16
Stowell's Evergreen	50	18	16
Vick's Earliest of All	50	20	18
Vick's Golden Nugget	50	20	18
Whipples Early	60	25	23

We notice that a great many Seedbouses and other concerns find it necessary to use long descriptions, complex scales, maps, etc., to show precisely wbat their goods will cost if sent by mail. Fortunately we are not laboring under any such difficulties. **The charges on everything in this catalogue unless otherwise specified, are prepaid to your address whether by mail or express.** The plan we adopted last year is so simple and proved so satisfactory to our customers that we gladly continue tbe same plan tbis year.

In other years we gave a price on quarts of Peas, Beans and Corn botb prepaid and not prepaid. Under our new plan to avoid any possibility of misunderstanding and alse in order to give our customers every cent of benefit of the splendid new Parcel Post rates, we devote this whole page to prices on Peas, Beans and Corn in bulk. Our prices, tberefore, are based on the **actual value of the seed,** while beretofore we bave always included in the prices for quarts a sufficient quantity to pay the postage or express to customers in remote parts of the United States. You will readily see that customers who lived nearby were paying more than the postage or express actually amounted to. **Now you will pay the exact postage or express and not one cent more.** Your postmaster or mail carrier can tell you what Zone rate applies on shipments from Rochester to your address. Having that information, you should include with your remittance postage at regular parcel post rates as follows:

Zones	First lb.	Each additional lb.	Distance from Rochester
1 and 2	5c	1c	up to 150 miles.
3	6c	2c	150 " 300 "
4	7c	4c	300 " 600 "
5	8c	6c	600 " 1000 "
6	9c	8c	1000 " 1400 "
7	11c	10c	1400 " 1800 "
8	12c	12c	over 1800 "

This plan enables our customers to get seeds listed on this page at lower prices than would be possible for us to furnisb under any prepaid plan. As an illustration, were we to agree to prepay postage on two pounds of Beans worth 80 cents to any part of tbe U. S., our prepaid price could not be less than 95 cents. The above plan enables our customers to get two ponnds of Beans, if near Rochester, for 86 cents, and for additional quantities, at the rate of 41 cents a pound, a plain saving of from four to seven cents a pound. The postage on all quantities above two pounds is so small, especially in the first three zones, that the saving on the average order of more than two pounds of Peas, Beans, or Corn, would equal a liberal casb commisson under the old plan. Remember also that there is no limit to tbe amount we can send by mail, so that any gardener who perchance, may want fifteen or twenty pounds of a number of different kinds, or several pounds of one kind can have them sent anywhere by mail.

VERY IMPORTANT! Please order your seeds in bulk from tbis page in one group on the order sheet, setting down the price after eacb quantity. Then immediately below, before you forget, set down the amount of postage required to carry the quantity ordered.

ADVANTAGES OF EXPRESS SHIPMENTS. Notwithstanding the cheap Parcel Post rates, in many cases it will be to the advantage of our friends to have shipments sent by express, especially if you live near an Express office. In many cases the express rates are lower than Parcel Post, especially on shipments weigbing more than 20 pounds to points beyond the third Zone from Rocbester. The elements of safety and speed, and the fact that the charges do not have to be paid until the shipment arrives are other valuable considerations. If you do not enclose the postage, we will forward the package by Express witbout further instructions.

Finally, remember that all of these explanations are made for your benefit. Our shipping clerks with their wide experience are repeatedly instructed to remember that in working faithfully for the interests of our customers they are serving us to tbe best advantage.

VICK QUALITY FARM SEEDS

All kinds of Farm Seeds are F. O. B. Rochester, except as noted. The prices quoted are subject to mark t changes and are based on the latest information obtainable at the time this Catalogue goes to press. Our customers may rely on us to protect their interests and give them the best prices possible at the time the order is received. Special prices for large quantities upon application.

VERY IMPORTANT NOTICE. Our prices have been reduced to the actual value of the seed. Additional remittance to pay for bags should therefore be included as follows: For each peck, 15 cents; for quantities from 1 to 2½ bushels, 65 cents.

VICK'S MARVELOUS BEAN

In our judgment here is one of the most valuable introductions in field beans in recent years. Every seedman and bean expert who has visited our farms this year has expressed admiration at its many good qualities. First and primarily it is a big handsome, very productive, very hardy, vigorous growing white kidney bean. It seems to be absolutely immune from all diseases that have attacked other field beans in this locality. Our crop has shown no signs of anthracnose or rust and has never failed to ripen a crop. Its wonderful productiveness is indicated in the accompanying photograph. Then, it has another remarkably valuable quality. When the handsome yellow pods are young and tender they are almost stringless and are splendid for string beans. A little later, while still green, the shelled beans are unsurpassed, either cooked alone or for succotash. As a dry bean for baking it cannot be beat for fine appearance and for cooking qualities. It has a distinctive appetizing flavor. In trials with other varieties of field beans it stands out conspicously on every point. We know of no other bean which offers so many valuable qualities for both commercial, field and home garden purposes.

Prices: By mail post paid, packet 10 cents; ¼ lb., 15 cents; ½ lb., 25 cents; lb., 40 cents. By express or Freight not prepaid, 5 lbs., $1.25; 15 lbs., $3.50; 100 lbs., $20.00.

OTHER FIELD BEANS

By mail postpaid, ½ lb., 20 cents; lb., 30 cents. By Express or Freight not prepaid, 60 lbs., (1 bus.) $8.00.

Large White Marrow. Extensively grown as a dry bean for winter use. The beans are large, clear, white, cooking dry and mealy.

Red Kidney. A popular field sort. Hardy and heavy yielder.

SOY or SOJA BEAN

Mammoth Yellow. Valuable as forage or fertilizer. Thrives well in hot and dry weather. Sow broadcast one-half bushel to the acre, or in drills three feet apart and one foot between plants. 15 lbs., $1.25; 100 lbs., $6.50.

Medium Early Green. Similar in purpose to Mammoth Yellow, but a few days earlier. 15 lbs., $1.60; 100 lbs., $8.50.

COW PEAS

This pea has always been valuable for improvement of the soil. It is considered superior to clover for plowing under as a preparation for other crops. For fodder, or for the seed, plant three feet apart and cultivate thoroughly.

New Era, Whippoorwill, Mixed. 15 lbs., $1.25; 60 lbs., $3.75.

For other valuable fall peas see page 35.

BARLEY

15 lbs., $1.00; 100 lbs., $4.25.

Early Russian Six-Rowed. A heavy yielding variety.

Champion Beardless. Early and prolific.

Manshurey. The most productive six-rowed variety. Ripens early, with strong, stiff straw.

RAPE, Dwarf Essex, English

Extremely valuable for furnishing a quick growth of forage. A vigorous strong growing turnip-like plant. Especially grown for feeding sheep, but cattle, pigs, and milch cows do very well upon it. For sheep pasture, sow in May, and it will be ready for pasturing in July and August; or sown in June, or even up to the latter part of July, it will furnish a large amount of pasture or fodder. In drills, sow five pounds to the acre; broadcast, ten pounds to the acre. **Pound, 25 cents; 100 lbs., $15.00.**

TOBACCO

White Burley. Leaf large, long and wide. Cures very bright. One of the best. **Packet, 10 cents; oz., 25 cents.** Postage prepaid.

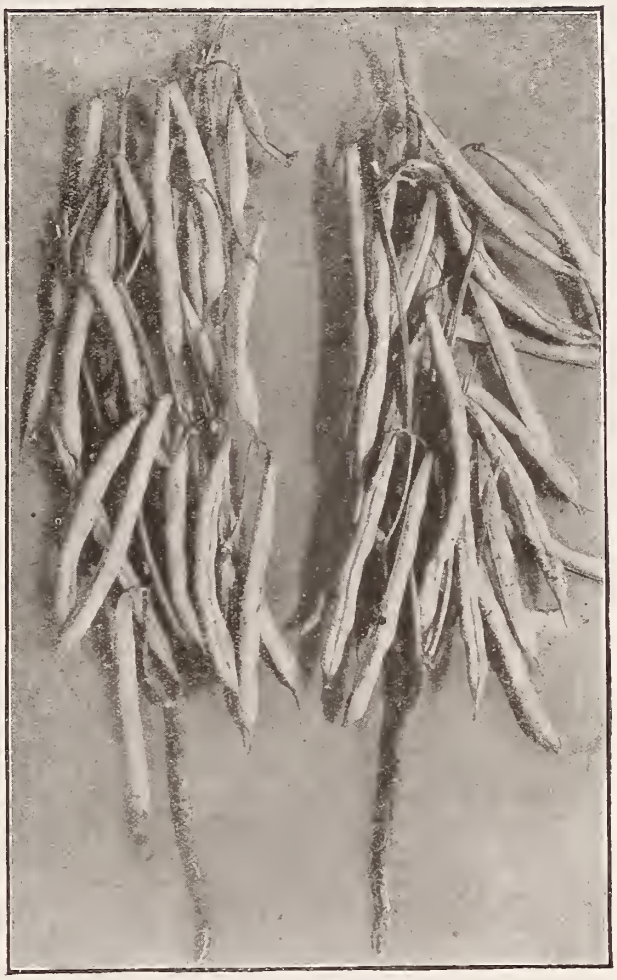
Connecticut Seed-Leaf. Packet, 10 cents; oz., 25 cents. Postage pre'p

Havana, or Cuban. Packet, 10 cents; oz., 40 cents. Postage prepaid.

SUDAN GRASS

Similar in character to Millet but much more productive of seed and straw.

Per pound. 20 cents postpaid; not prepaid 10 lbs., $1.50



VICK'S MARVELOUS BEANS

ARTICHOKE

Jerusalem Artichoke. Used for the table and for stock feeding. One of the best foods for hogs. Culture the same as for Potatoes. Cut tuber to single eye and plant 3 to 4 feet apart each way. Enormously productive. They are perfectly hardy. **Pound, 30 cts; 15 lbs., $1.25; 60 lbs., $4.75.**

BROOM CORN

Improved Evergreen. This variety is now grown more extensively than any other, on account of its straight, long, light green brush. It is very productive. Sow six pounds to an acre. **Pound, 20 cents postpaid; 100 lbs., not prepaid, $7.00.**

BUCKWHEAT

Japanese. The heaviest yielding variety, with very large kernels and large branching plants. **Pound, 10 cts.; 12 lbs., 85 cts.; 100 lbs., $3.00.**

Silver Hull. The best for flouring purposes. Kernels smaller than Japanese, silvery gray in color. Fine stock.

Pound, 10 cents: 12 lbs., 85 cents; 100 lbs., $3.00.

MILLET

Hungarian Grass (*Panicum Germanicum*). Valuable soiling plants. May be sown as late as first of July, and produce a large green crop. Sow 40 lbs. to the acre. Bushel, 48 pounds. **Pound, 12 cents; 100 lbs., $.500.**

Golden Millet. Medium early forage plant, very prolific. Sow 38 pounds per acre. Bushel, 40 pounds. **Pound, 10cts; 100 lbs., $5.00.**

Japanese Barnyard Millet (*Panicum Crus-Galli*). Enormously productive yielding from four to six tons of cured forage per acre, on rich soils. Six to eight feet in height. Sow in May. Broadcast, ten to fifteen pounds per acre or in drills, eight pounds per acre. **Pound, 15 cents; 100 lbs., $8.00.**

Vick's Oats

A great deal of progress has been made in developing productive strains of Oats. The process is, however, slow and gradual. We do not believe that such enormous yields, as have been claimed by some, can possibly be secured under ordinary condition sand in fairly conducted tests. To some this will seem an unusual way to begin a subject, but to our regular customers it will cause no surprise.

We guard our reputation for good Oats as carefully as for high grade Vegetable and Flower Seeds. Therefore, we never make such alluring and deceptive statements as are frequently made elsewhere. We have made careful tests, in large plots, under farm conditions, of many highly advertised kinds, and we are frank to say we have never found one that will yield such fabulous crops as were claimed for it. In our tests running over more than one season, we find that the varieties listed below show some superiority over all others, but even for these we claim no astonishing increase in yield over some other kinds. We do, however, confidently believe that our varieties will yield as high as any other strain offered elsewhere at any price. Certainly the improvement in quality over common field Oats will warrant every farmer in renewing his seed stock this year from our varieties, especially in view of the low pricesat which they are offered.

It will pay any farmer this year to feed out his common field Oats and raise a big crop of one of the following varieties. To insure a big crop of Oats it is necessary to change your seed stock frequently, and sow the best you can buy

SWEDISH or WASHINGTON OATS

This is a branching variety or one where the head consists of a large number of seed panicles evenly distributed around the main stem thickly hung with seed kernels. The straw is strong and wiry and of good height. We secured our original stock seed directly from Sweden, but the strain we have at present is, in our judgment, superior to the original stock. This is a medium early, vigorous growing, heavy yielding variety.

8 lbs., 40 cts.; 32 lbs., $1.40; 100 lbs., $4.00

BUMPER CROP OATS

This is a new side Oat or one where all the seed kernels grow compactly on one side of the stalk. While this type of plant is not so well known as the branching, those who have grown Bumper Crop like it very much. It is certainly a big yielding variety. Kernels are plump and heavy. Straw is vigorous, leafy and of excellent quality. We will stake our reputation on Bumper Crop in comparison with any of the highly advertised side Oats sold at fabulous prices.

8 lbs., 50 cts.; 32 lbs., $1.75; 100 lbs., $5.25

WELCOME OATS

A branching variety of recent introduction, which was grown from stock seed from the Plant Breeding Department of the New York State College of Agriculture, under whose care this strain has been developed, where competitive tests with many others for three consecutive years give Welcome Oats the highest record in yield per acre. We grew this variety for the first time on our own farms the past season and it fully met our highest expectations. It is very early, very vigorous, and wonderfully productive. The stock we offer has been carefully selected for seed purposes, free from all impurities, and carefully screened. We take great pleasure in highly recommending this new Oat.

8 lbs., 45 cts.; 32 lbs., $1.50; 100 lbs., $4.25

KEEP IN MIND THESE POINTS

The increase in yield will be nearly all pure gain.
Our seed is clean, and free from weeds.
Kernels are large, plump and heavy, with very little chaff.
Our prices are as reasonable as the extra care and expense will permit.
The quality is just as good as if you were to pay more.

These prices are f.o.b. Rochester. Special prices on large quantities.

Order early; these prices are subject to market changes at any time or we may be sold out of a variety later in the season

ROCHESTER NUMBER SIX WHEAT ON ONE OF OUR FARMS

RYE

By express or freight, not prepaid. Subject to market changes.

Excelsior Winter. A heavy yielding, strong growing, hardy Rye, originating in New England. The White Excelsior yields much heavier crops than the common Rye; the heads are longer and the grains are larger, plump and well covered with chaff. The plants grow taller than other varieties, and have very stiff straw. They stool out so freely that they form a remarkably thick growth of straw. **15 lbs., $1.00; 50 lbs., $2.60.**

Spring Rye. This variety has been developed simply by planting Winter Rye in the spring and selecting the seed so produced for several years, The standard variety for spring planting. Sow about 1¼ bushels to the acre. **15 lbs., $1.15; 50 lbs., $3.10.**

White Winter. Much prized for its straw, also for plowing under as a green manure. The ordinary fall-sown variety, of which we offer choice selected stocks only. **15 lbs., $1.00; 50 lbs., $2.60.**

Rosen Rye. A new grain developed by the Michigan Agricultural College and described by them as follows:

"Rosen Rye is a stiff strawed, large headed variety, which, when pure, ordinarily has **four full rows** of grain on over ninety-nine per cent of its heads."

Rosen Rye yields more than any other Rye, takes less from the soil and can be sown from the last of August until the middle of October with safety. Nothing better to put on your Potato and Corn land. It is a fine nurse crop for Clover. Sow five to seven pecks per acre according to the season. The later you sow the more grain it takes. **15 lbs., $1.00; bushel, 56 lbs., $3.00.**

HAIRY VETCH

Winter Vetch, Russian Vetch, Sand Vetch, (*Vicia Villosa*)

Valuable in the north, especially as a cover crop It makes a quick vigorous growth and excels Alfalfa and the Clovers in the number and size of nitrogen bearing nodules on its roots. For enriching the soil a good crop of Hairy Vetch plowed under is estimated to be equal in value to forty tons to the acre of fresh stable manure. It does especially well on light soil. Rich in food value. When grown for soiling or ensilage it is usually mixed with Rye, which furnishes support for the trailing vines of Vetch.

Sow sixty pounds of Hairy Vetch and fifteen pounds of Winter Rye to the acre. If sown alone use seventy-five to ninety pounds of Hairy Vetch to the acre. **By Mail Postpaid, lb,. 50 cents; Freight or Express not prepaid, 5 lbs., $1.10; 10 lbs., $2.00; 25 lbs., or over, 15 cents, per lb.**

Spring Vetch, 1 lb., By Mail, 25 cents. By Freight or Express not prepaid 100 lbs., for $12.00.

SORGHUM

These prices are subject to market changes, f. o. b. Rochester.

Early Amber. This variety is coming into general use for summer fodder for cattle in place of sowed corn, yielding two crops in a season. It is claimed to keep up the flow of milk, and cows like it better than any other feed. It is also easily cured, and makes excellent dry fodder. Three to four pounds are sufficient for an acre, in drills thirty inches apart, sowing the seed thick and shallow in the row.

Pound postpaid 20 cents.; 100 lbs., $3.50, not prepaid.

Kaffir Corn, White. This will do well wherever Amber Cane will grow. It is used as a green fodder. **Pound, postpaid 20 cents; 100 lbs., $3.00, not prepaid.**

Milo Maize. When cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. It is relished by cattle and hogs. Use 4 or 5 pounds to the acre.

Pound postpaid 20 cents; 100 lbs., $3.50, not prepaid

Jerusalem Corn. Belongs to non-saccharine Sorghums. It is considered a good sure grain for dry sections and seasons. It produces several small heads on side shoots, often as many as eight heads on a stalk. Three pounds will plant an acre. **Pound, postpaid 25 cents; 100 lbs., $4.50, not prepaid.**

Johnson Grass (*Sorghum Halapense*). Popular in the Southern States, where it is considered one of the most valuable forage plants. One bushel per acre. Bushel, 25 pounds. **Pound, postpaid 25 cents; 100 lbs., $15.00, not prepaid.**

ROCHESTER NUMBER SIX WHITE WINTER WHEAT

This excellent variety of Winter Wheat needs no introduction to the farmers of Western New York and those in many other localities. We have been growing this Wheat on our own farms for a number of years, and we have a strain which we confidently believe to be the very best for localities such as this. Even under unfavorable growing conditions we have almost invariably harvested excellent crops. Rochester Number Six, is a vigorous variety withstanding cold and unfavorable weather. The plants develop sturdily and send out a large number of rust-resisting straws which form uniformly large, full heads of plump kernels. The chaff is tinted red, the seeds white. As it is beardless, the straw is not only more agreeable to handle but much more valuable than bearded straws. Write us for special prices. **Per bu. $2.50; 10 bu. or over, $2.25 per bu.**

SPRING WHEAT

Spring Wheat is being used more each season in this section of the country because of the success that has been attained with it. We are sure that you will find a spring wheat a money making crop if you have not already tried it. We have stock of very good quality.

Per bu. $2.75; 10 bu. or over, $2.50.

SUNFLOWER

Mammoth Russian or Manchurian Highly valued by farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. Sow seed as soon as the ground is warm, in hills four feet apart each way. Three pounds of seed will plant one acre. Yields from fifty to seventy bushels per acre. ¼ **pound, 10 cents; ½ lb., 15 cents; lb., 25 cents; 100 lbs., $18.00.**

Mammoth Russian—Native grown. Large plump seed, light gray in color striped black. Much larger than the ordinary imported or domestic grown seed. **Pound 15 cents; 100 pounds, $10,00.**

Owing to the burdensome legislation recently enacted by the New York State Legislature, we have found it necessary to omit many valuable grass seed mixtures, and to reduce materially the number of varieties of grass seeds which we list.

All prices on this page subject to market changes.

If you want full value from Vetch, Alfalfa, Clovers and other legume crops inoculate your seed, see page 49.

Harvesting a crop of Vick's Pedigreed Timothy

Vick's Grass and Clover Seeds

There is going to be a great deal of clover used this spring. Now that prices are lower, farmers are going to take advantage of the situation to seed down fields that have actually been starved the past two seasons for lack of this indispensible crop. Better order early. Increased demand may force prices up again late in the season.

We make a speciality of the best grades, free from weeds and impurities, and of good germination.

We believe, in the long run, the best proves to be the cheapest, and for this reason the prices quoted on this page are for extra fancy stocks only, leaving cheap, undesirable grades out of consideration Prices on grasses are invariably f. o, b. Rochester. Not less than 25 lbs. at 100 pound prices.

Our prices are based on the best information obtainable at the time this catalogue goes to press.

Since the market varies from day to day, these prices are subject to change without notice. Customers may rely on us to give them the advantage of the best prices possible when orders are received.

Customers who need considerable quantities, are requested to write for samples and prices. Bags to contain 1 to 2½ bu., will be charged for at 65 cents each. For Inoculating Bacteria for clover and all kinds of legunes see page 49.

EXTRA RECLEANED GRASSES

	Per lb.	Per 100lbs
BERMUDA GRASS. (*Cynodon Dactylon.*) Invaluable in the South. Not hardy in the North	$0 30	$25 00
FANCY RED TOP. (*Agrostis vulgaris.*) Indispensible in mixtures for lawns, pastures or meadows; will grow in almost any soil moist or dry. Our stocks clean, beautiful, silky, heavy seed. For lawns 40 pounds per acre; for pasture or meadow 20 to 30 lbs. per acre.	25	20 00
HARD FESCUE. (*Festuca elatior.*) A low-growing grass; succeeds well in dry places. Used in many lawn mixtures.	40	35 00
ITALIAN RYE GRASS. (*Lolium Italicum*) Annual; will thrive in almost any soil; grows rapidly, yields abundantly. If sown in the fall will produce crop of hay the following summer.	20	14 00
KENTUCKY BLUE GRASS. (*Poa pratensis.*) Invaluable for lawn; unexcelled as a pasture grass; thrives on a variety of soils, but does best in dry and shady places. Our seed fancy and extra heavy. For lawns 60 lbs. per acre; for pasture 20 lbs. per acre.	40	35 00
MEADOW FESCUE. (*Festuca pratensis.*) Excellent pasture grass; occasionally used in other mixtures. 40 pounds per acre.	40	35 00
ORCHARD GRASS. (*Dactylis glomerata.*) One of the best pasture grasses; exceedingly palatable to stock; will endure a great deal of cropping. Twenty to thirty pounds per acre	25	20 00
PERENNIAL RYE GRASS. (*Lolium perenne.*) Valuable for pasture and lawn grass mixtures. 20 to 30 lbs. per acre	20	12 00
RED FESCUE. (*Festuca rubra.*) An excellent grass for shady places; forms a rich close sod	60	50 00
SHEEP'S FESCUE (*Festuca ovina.*) Low growing grass with an abundance of fine narrow leaves. Flourishes on light soils; 30 lbs. per acre	40	37 00
SUDAN GRASS. Similiar to Millet but more productive of seed and straw	20	12 00
TIMOTHY. Leading variety for hay crop; special pedigreed stock bright, plump, high purity and germination test. 10 to 12 lbs. per acre.	per bu. 4 75	9 50

The stock seed was presented to us by a state plant breeding department. Our first plants were carefully transplanted into rows and thoroughly cultivated. The first yield of seed was heavily screened and sown in a field as free from weeds as possible. All weeds in the growing crop were pulled and removed from the field. The crop of both hay and seed exceeded our expectations by 50 per cent.

CLOVERS

The food value of Clover for producing milk and meat is far superior to ordinary grasses, as every farmer knows. Its value as a soil improver makes it still more indispensible on every farm. Get best results by using Vick Quality Seed. We list only the best grades.

	Per busbel	Per 100 lbs
"VICK'S KING BRAND" MEDIUM RED CLOVER, extra fancy, bright colored plump seed, much superior to average stocks offered	$15 00	$25 00
VICK'S MAMMOTH RED CLOVER. Finest grade obtainable	16 00	26 09
CRIMSON CLOVER. (*Trifolium incarnatum.*) Valuable for hay, pasture, ensilage or for soil fertilizer. Being an annual it must be sown every year in August or September. 10 to 15 pounds per acre.	Pound 20 cts.	
ALSIKE OR SWEDISH CLOVER. (*Trifolium hybriaum*) Surpasses all other clovers for rich moist soils. Eight pounds per acre.	18 00	30 00
WHITE CLOVER. (*Trifolium repens.*) Valuable in lawn grass mixtures and indispensable in pasture mixtures	Pound, 75 cts.	65 00
SWEET OR BOKHARA CLOVER. White blossom. (*Melilotus alba.*) Valuable perennial for soil fertilizer	Pound, 25 cts.	18 00

See page 5 for valuable new Annual Sweet Clover.

For best results do not fail to treat your clover seed with some kind of Inoculating Bacteria. See page 49

Vick's HIGH-GRADE Alfalfa

FREE FROM DODDER, WEEDS AND DIRT. **We not only recommend it; we grow it on our own farms, feed it to our work teams, growing colts, and other stock. We find it nearly as easy to grow as any other clover, the yield greater and the crop more valuable.**

This is the year to plant Alfalfa. With the price of Alfalfa seed back to a very low level, wise farmers are going to make the most of the opportunity to seed down their fields with this most valuable crop.

There is no longer need to explain the wonderful advantages of Alfalfa. A field of Alfalfa will increase the fertility of the soil and thus raise the value of the land. A good field of Alfalfa is the aim of every wide-awake farmer, because he knows he can count on it every year to increase his prosperity.

Do not take any chances on doubtful Seed when preparing for a crop of such value and permanence as Alfalfa. We secure the finest American Northern dry land Alfalfa seed that can be purchased. We believe that every progressive farmer—the one whose trade is worth having—is willing to pay a fair price for good seed.

Our Alfalfa Seed was grown in the Northwest, at a high altitude and on dry land. This insures, for our seed, hardiness and a high percentage of germination. We have a beautiful stock, free from weed seeds, plump, and of a good bright color. Before this seed was accepted by us it was tested thoroughly for purity and germination. We do not fear comparison of our stock with any other sample. We buy and sell the best grade only.

There is better value for the money in seed of this character than in low grade Alfalfa seed at a less price. Large quantities of inferior seed are on the market every year, some of which contains dodder—an extremely noxious pest. Some is poorly cleaned, containing large percentages of dirt, weed seeds and shrunken Alfalfa seed. Some is imported Alfalfa seed containing adulterations and undesirable foreign weed seeds. After the trash and poor seed has been taken out of a low grade sample, the good seed that is left invariably **costs more per pound** than is asked for seed of the highest quality.

Pound, 40c; 10 pounds, $3.50; 30 pounds, $9.00; 60 pounds, (1bu.) $16.00. Express or Freight charges, not prepaid. 2 bu. bags 65 cts. eaeh extra

These prices are subject to market changes and are based on the best information obtainable at the time this catalogue goes to press. Our customers may rely on us to protect their interests and give them the best prices possible at the time the order is received. Write for special prices on large quantities. In case the price may have changed, please tell us, when sending your order if you wish us to send your money's worth or write you for instructions before shipping. Better order early. The demand for reseeding this spring is sure to be large and the price may again advance.

In order to secure the best results from Alfalfa, Clover, Vetch and all other legumes, by all means inoculate the seed with some kind of

INOCULATING BACTERIA

It is now generally understood that the nodules which form on the roots of legumes are caused by the propagation of bacteria which extract nitrogen from the air, making it available for the growing crop and leaving a large surplus in the soil for succeeding crops. To insure the presence of these valuable nodules, it is nearly always necessary to inoculate the seed with a pure bred culture of bacteria. Legumes offer the best means of maintaining soil fertility and rejuvenating over-cropped and worn out fields. They add both humus and nitrogen to the soil and thus increase the yield of Wheat, Oats, Corn and other non-legume crops. The United States Department of Agriculture and many State Agricultural Experimental Stations, recommend inoculation of legumes with nitrogen fixing bacteria, in order to insure a prompt "catch" and increase the yield.

Inoculating Bacteria is made in a number of forms. We offer what we consider the very best kinds, shown here. Always specify on your order, what crop you want to inoculate, as there is a different strain of bacteria for each legume. It is prepared for the following crops:

Alfalfa, Crimson Clover, Soy Beans, Garden Peas, Red Clover, Vetch, Garden Beans, Alsike, Cow Peas, Sweet Peas, Lima Beans and others.

MULFORD CULTURES contain pure tested strains of active, vigorous nitrogen fixing bacteria, scientifically prepared with utmost care and skill. The sealed bottle insures purity. Can he readily applied to the seed. **Prices, 5 acre size, $5.00, "Dollar per acre"; 1 acre size, $1.50; ¼ acre size, 75 cents; small size** (supplied only for Garden Peas, Garden Beans, Lima Beans and Sweet Peas), **35 cents.**

"NITRAGIN" PURE CULTURE is packed in ventilated tin cans, in a granular medium which provides food and shelter for the germs and insures safe delivery from the laboratory to your farm. Easy to apply—10 minutes work—a boy can do it. **Prices, 5 acre size, $4.25; 1 acre size, $1.15; ½ acre size, 60 cents; garden size, 35 cents.**

STANDARD INOCULATING BACTERIA is grown direct from the nodules taken from the roots of legumes, insuring highest possible virility. It is put up in amber colored bottles, to exclude light Glass tubes with cotton filters are used to admit air and to keep out all foreign matter and germs. **Prices, 6 acre size, $3.00; 4 acre size, $2.25; 2 acre size, $1,45; 1 acre size, 75 cents; garden size, 50 cents.**

The prices of inoculating bacteria given above include transportation on freight shipments only. If wanted by parcel post add 10 cents per bottle.

When ordering Inoculating Bacteria Cultures be sure and state clearly for what crop it is intended to be used

A view of one of our Aster fields. We grow more high grade Asters than any other grower in the world.

VICK'S FAMOUS ASTERS

WE are today the largest growers of high grade Asters in America. Vick's Famous Asters are renowned the world over, and their popularity has increased to such an extent that each succeeding year finds us compelled to plant more and more Asters in order that we may meet the demand for seed by our customers. We have increased the acreage of Asters on our farms from two acres in 1893, the year we introduced Vick's Branching White, to 135 acres three years ago. Our reputation, however, is built upon the high quality and not the quantity of Aster seed which we grow. No other growers as far as we know, lavish so much expense, time, and effort in keeping their stock absolutely unapproachable in quality. This season, we made over two thousand individual plant selections of Asters. We consider the work of developing Asters and the plant history of each specimen, so important that the president of this concern personally spends days and even weeks away from his desk, walking up and down the long rows of Asters, supervising the work of plant selection, to make sure that our stock seed is kept true to type and constantly improving. The different varieties shown in the following pages are the results of years of this kind of constant experimenting and development, and represent the most beautiful, artistic and robust varieties of the wonderful Aster family.

Vick's Early Branching Rosy Red

One of our recent introductions.

After years of development and training, this beautiful new Aster, Vick's Early Branching Rosy Red, was perfected and introduced to the American flower-loving public, for the first time in 1917. This is positively a new color in Asters. Nothing like it in any other class. Darker than Rose, lighter than crimson, no trace of yellow or magenta; just a beautiful rosy red. While the general habit of the plant and its season of bloom easily identify it with Vick's Early Branching Aster, the flowers, in shape, are about midway between the closely-folded, regular-formed, massive blooms of Early Branching and the large, loose, fluffy, wide-petaled flowers of the Mikado type. Our customers will be greatly pleased with this new variety in combination with other colors and types in their gardens this year.

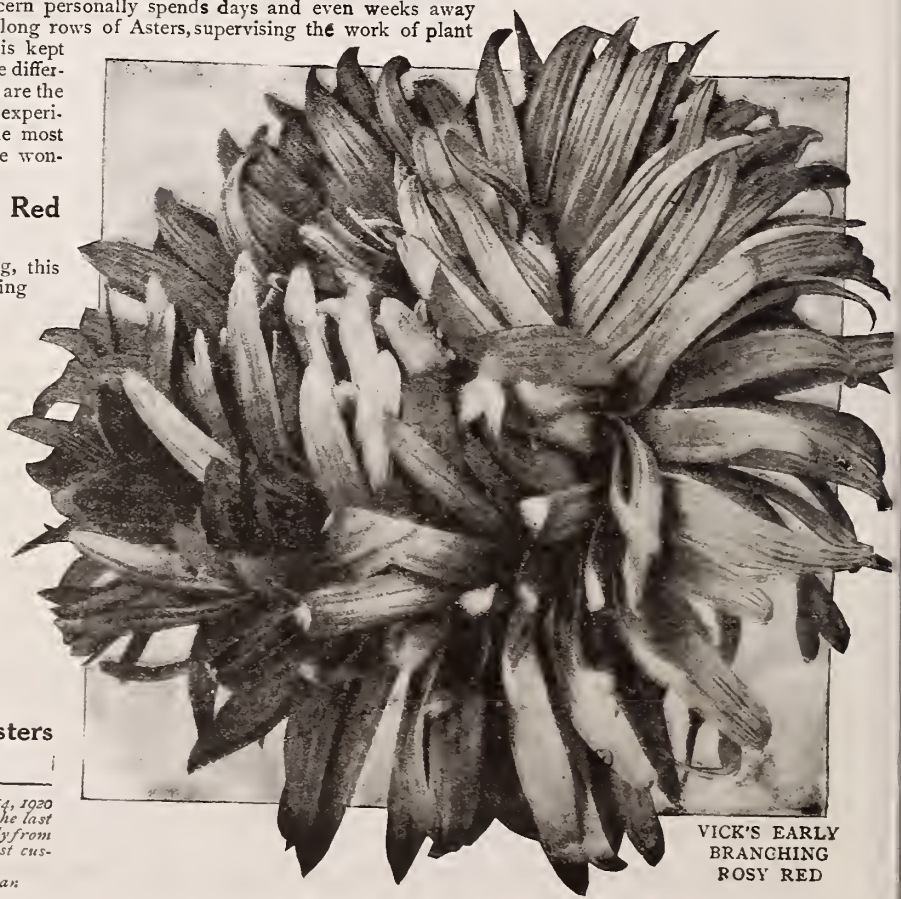
Packet, 25 cents; two for 40 cents.

Our newest varieties of Asters are shown on page 3.

Laurium, Mich, March 14, 1920

If you have kept a record of your customers for the last fifty years you will find that I have bought annually from you for the last forty-eight years. I am the oldest customer in all probability on your books today.

Johnson Vivian



VICK'S EARLY BRANCHING ROSY RED

Vick's Royal Asters

Shown one-half natural size

VICK'S IMPERIAL ASTERS

The Imperial Asters comprise a collection of mid-season varieties distinguished by their delicacy of coloring, their profusion of bloom, and the extreme doubleness of their flowers. The large flowers are so double as to be veritable balls of bloom. In most of the Imperial varieties the petals are narrow, straight and sometimes slightly folded lengthwise. The vigorous plants are upright in growth and produce stems of good length. Vick's Daybreak, introduced by us in 1897, and Vick's Purity introduced in 1899, are now the best known and most widely used of all mid-season Asters. They are especially adaptable for all kinds of bedding, because of their compact habit of growth.

Packet, 15 cents; two for 25 cents.
A packet each of any five colors, 60 cents.

Imperial Giant Daybreak. The fully double, perfectly formed flowers are a beautiful and extremely delicate shade of flesh pink.

Imperial Giant Purity. Larger in plant and flower than the famous original Purity. Crowned with great snow white globes of bloom.

Imperial Lavender. A delicate shade of palest lavender. Resembles Daybreak in size, in form and in season. The lavender tint is about the same depth of color as the pink of Daybreak.

Imperial Rose. A very attractive shade of silvery rose. The blooming plants are veritable bouquets of roses.

Imperial Lilac. Charming new shade, free flowering and very double Color pretty and distinct.

Imperial Bluebird. A bright, lively blue. The plants are covered with the rounded, full double flowers.

Imperial Purple or Dark Violet. A rich, dark violet purple. The large flowers contrast well with the delicate pinks of the Imperial class.

VICK'S ROYAL ASTERS

Vick's Royal form a new class of Asters in which the petals are very broad and distinctly incurved or shell-shaped. The charming shape of the petal gives an effect of shading that enhances the beauty of the color, has a charming grace and a Chrysanthemum-like effect. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor. In season they are earlier than Branching Asters, remaining in bloom a long time.

Vick's Royal White — **Vick's Royal Shell Pink**
Vick's Royal Lavender — **Vick's Royal Purple**

Vick's Royal Lavender Pink

Separate colors, or mixed colors, each, packet 15 cents.
Royal Collection of the four packets, 50 cents.

Just a line to tell you I have some wonderful asters from the seed I purchased from you. Everyone who has seen them say they are the finest they ever saw. I think they are lovely and have every color aster. My shell pink and white shaggy one are lovely also the lavender and purple, pink, rose and violet.
Auburn, N. Y., Sept. 10, 1920. *MRS. T. A. COFFEY.*

VICK'S ASTER PLANTS

We grow millions of Aster plants every season, but there are so many difficulties connected with shipping them that we strongly urge our customers to raise their own plants from our seed. Plants are not ready for transplanting until about June 1st., a time when the weather is apt to be warm. Although parcel post shipments are in general satisfactory, even one day's delay in transit might be enough to destroy Aster plants, no matter how carefully wrapped, confined in a mail sack with hundreds of other packages. Then even should they arrive in the best of condition, the weather on that particular day might not be favorable for setting them out. Therefore we feel sure we are acting for the best interests of our friends in urging them to buy seed instead of taking chances with plants.

See introductory novelty pages for our newest varieties of Asters.

A plant of Imperial dug from among the thousands in our fields and potted for photographing.

VICK'S BRANCHING ASTERS

Vick's Branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we grow them, are double to the center. There are other Asters, exquisite in form and of delicate color, but Vick's Branching Aster is still the leading Aster in all flower markets, and still holds first place in the garden of the amateur.

VICK'S EARLY BRANCHING

The plants of the Early Branching Aster attain the size and vigor of the famous Late Branching, but blossom from ten days to two weeks earlier. The many branches are free from side buds, the whole strength of the plant being given to the development of extra large, perfectly formed flowers on long stiff stems, making them especially desirable for vases, for exhibition, or for sale.

Packet, 15 cents.

A Packet each of any two colors, 25 cents.

Rose. A beautiful, brilliant shade of rose.

White. Large, ball-shaped flower, similar to that of the Late Branching Aster, and full to the center. A magnificent specimen.

Lavender. A light shade of clear, pale lavender, a color which is always popular in cut flowers.

Crimson. A rich, dark crimson. Especially adapted for massing.

Lavender Pink. Similar in color to Vick's Late Branching Lavender Pink. Opens nearly white, passing to a beautiful lavender pink.

Dark Violet. Rich, deep velvety color, darker than purple.

Shell Pink. A delicate, very light shade of pink, one of the very best colors for cut flowers.

Purple. Rich, dark purple, well formed flowers, double to center.

Mixed Colors. An excellent mixture of all the above described colors.

See introductory novelty pages for Heart of France and other new Asters.

Just a line to tell you I had good success with your asters this year. They were greatly admired by all who saw them, particularly the Heart of France.
Toronto, Can. Nov. 25, 1920 *GEO. P. MACKIE*

One corner of a feild of Asters growing for seed. Seed from such plants as these guarantees satisfaction

VICK'S LATE BRANCHING ASTERS

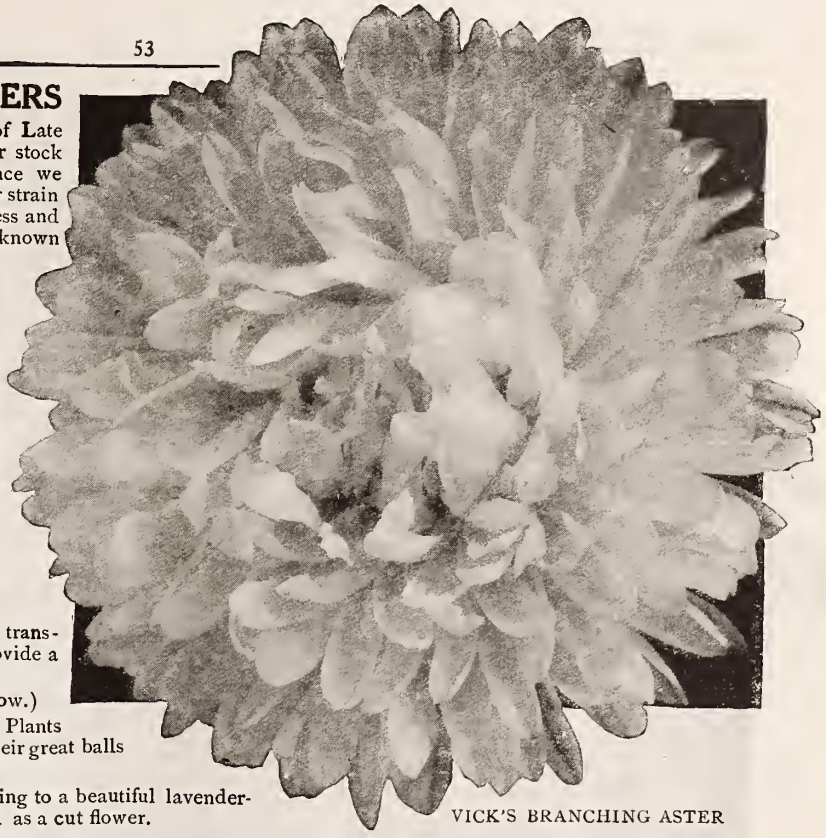
Prior to the introduction of our famous strain of Late Branching Asters, nearly all seedsmen secured their stock from well known European growers, but never since we first offered our Late Branching Asters has any other strain from Europe or elsewhere equaled it in size, usefulness and popularity. Today Vick's Branching Asters are well known and in great demand, not only in America, but in Europe, South America, and far-away Australia—wherever, in fact, good flowers are grown. It maintains its position of leadership because we are taking great pains to improve it on our experimental farms, so that the plants are stronger, the stems longer, the the flowers larger and more perfectly shaped than those of each preceding generation. The flowers of our Late Branching Aster are of immense size. The great number of petals closely massed forms a solid globe-shaped flower, magnificently beautiful in its exquisite perfect, fluffy Peony-like form. The flowers are borne in great profusion on long stems, frequently two feet in length, which characteristic makes flowers of this class especially valuable for cut-flower purposes. The plants are of strong growth, often covering a space three feet in diameter.

Seed sown in pots or boxes in March or April, and transplanted to the outdoor bed in May or June. will provide a wealth of bloom in August and September.

Packet, 15 cents. (See special offer below.)

Snow White. The latest of Branching Asters. Plants exceptionally strong and continuing to produce their great balls of white bloom until cold weather comes.

Vick's Lavender-Pink. Opens nearly white, passing to a beautiful lavender-pink, lighter in the center. Lasts particularly well as a cut flower.



VICK'S BRANCHING ASTER

Rose. Large plants and big, full double flowers of rich deep rose.

Crimson. A rich, glowing color, but now completely outrivalled by our new introduction Heart of France, for illustration of which, see first cover and our introductory novelty pages.

Rosy Carmine. Distinct, and beautiful—a bright rosy carmine. A lively brilliant color.

Vick's Lavender. A good clear lavender. Sometimes called azure blue. A splendid strain of this useful color.

Semple's Lavender. An extremely pale shade of lavender.

Purple. Beautifully formed, full double flowers of rich purple.

Mary Semple, Shell Pink. An exquisite shade of light shell pink. The large flowers are graceful in form.

Peerless Pink. Might well be called an "Improved Shell-Pink." It has the same delicate, pleasing shade of pink, and a more double flower.

Rose Pink. The color of a deep pink Rose. Lighter than the Branching Rose. Beautiful, full double flowers.

Peach Blossom. A deeper shade of color than Vick's Pink, and very popular. The large flowers are extremely double.

Dark Violet. An extremely deep, glowing color. A deeper shade than Branching Purple. It has a peculiar velvety finish giving it an appearance of richness that is distinct and striking.

Late Branching Asters. All Colors Mixed. Pkt., 15 cents.

BRANCHING ASTER COLLECTION

This collection gives a full assortment of the colors found in the Branching Class. These are unsurpassed for cutting; a harmonious color scheme for decorative purposes can easily be selected from these eight varieties.

White, Pink, Crimson, Carmine, Purple, Lavender, Dark Violet and Rose
One packet of each of eight colors . . **75 cents**

Our New "Silvery" Asters

These two new varieties, one introduced last year and the other the year before, belong to the Late Branching family, but their "silvery" characteristic caused by the delicate, almost indistinguishable white threads running through each petal, put them in a class by themselves. This delicate sheen gives them a most artistic and pleasing appearance. We have a lot more seed this year so that we can fill a good many more packets than ever before

VICK'S SILVERY ROSE

Like all our new asters Silvery Rose is a robust, long stemmed, large flowering variety. Every petal is a combination of deep lilac rose, almost cerise, very delicately threaded with white. Do not get the impression that this is a striped variety. The threads are so tiny as to give the petals a silvery sheen. Even the slightest change in light will shade the petals from a rich glowing rosy cerise to a silvery rose.

This unique color is most charming and commands immediate attention and admiration. It is sure to please the most fastidious. The plants are unusually vigorous and the flowers exceptionally large and double. This variety stands out above every other in the field in which it grows for size and vigor. **Per packet, 25c.**

VICK'S SILVERY PINK

Like Vick's Silvery Rose this exquisitely beautiful flower derives its distinction from its delicate silvery sheen which overlays the predominating color. Each petal has actually the same color from base to tip, but massed in the enormous double blooms the heart of each flower of Vick's Silvery Pink appears a warm glowing rose, while, as the light reflects upon them, the tips of the petals have a silvery sheen which makes them appear almost white, the whole effect of which is indescribably beautiful-like the face of a goddess whose divine beauty a delicate veil "half conceals, half discloses." The flowers are held aloft on long strong stems. Large vigorous freely branching plants. **Per Packet 25 cents.**

Vick's Late Branching Asters are especially valuable since they bloom after the average type has ceased to flower

Vick's Rochester Asters

VICK'S ROCHESTER ASTER

The word "Rochester," whether used in connection with civic undertakings, industrial enterprises or products of whatever nature, has come to be known the world over as typifying the best. And when we gave the name "Rochester" to a class of Asters we were fully aware that we would be held to the high standard that name represented. Nevertheless we gladly assumed that responsibility, for we knew we had a variety of Asters which was the very best of its kind. The plants of Vick's Rochester Asters, like those of the Late Branching variety, are large and strong, with many long branches. Their flowers have, in common with others of the Comet type, petals that are very long and narrow, and gracefully recurved, giving them a lightness and grace that make them the most artistic of all Asters. The immense size of these flowers—they are the largest Asters now in cultivation—their artistic beauty, delicacy of coloring, and freedom of bloom, make Vick's Rochester, in our estimation, the superior of any Aster of its class heretofore offered to the public.

VICK'S SHELL-PINK ROCHESTER

After several years experimenting on our Aster Farms we have succeeded in perfecting a new color in the Rochester class, a delicate shade of pink commonly called shell-pink. The flowers, which are large with narrow, very long and graceful petals, are exceedingly beautiful We offer this charming variety to our customers in complete confidence that it will prove equally as good as the original Lavender-Pink Rochester.

Packet 25 cts.; two for 40 cts.

VICK'S ROSE ROCHESTER

True to the general type of the Rochester Asters, Vick's Rose has large, fluffy, graceful, attractive flowers on long stems. In color they are a beautiful shade of rose. These splendid qualities have won for Vick's Rose Rochester many friends and admirers all over the country.

Packet 25 cents; two for 40 cents.

VICK'S WHITE ROCHESTER

This is another excellent example of the artistic beauty of Rochester Asters. The exquisite white flowers, which are large and fluffy, and borne on long, strong stems, are most attractive, and make Vick's White Rochester a favorite for bouquets or as specimen plants. **Packet 25 cents; two for 40 cents.**

VICK'S DARK VIOLET ROCHESTER

The splendid shade of violet which is found in Vick's Dark Violet Rochester, together with the graceful appearance of its flowers, makes this variety especially desirable. When in bloom it makes an exceedingly charming spectacle, either alone or with the other Rochester colors. **Packet 25 cents; two for 40 cents.**

Vick's Lavender-Pink "Rochester"

No flower introduced in recent years has created such a furor as this magnificent Vick's Lavender Pink Aster, "Rochester." Within a year after we first presented it to the public, the Chamber of Commerce of Rochester recommended that it be adopted as the official flower of the city and requested us to rename it "Rochester." **The "Rochester" Aster is today the Premier of the Lavender-Pink Asters.** Like all the flowers of the Comet class, the petals of the "Rochester" are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in such magnificent disorder, as to make the fluffiest Aster we have ever seen. In color it is a most exquisite shade of lavender-pink, being a happy medium between the color of Vick's Branching Pink and Vick's Daybreak. The plants are unusually vigorous and it is not uncommon to find one with a dozen long, strong, graceful stems, each with a flower from four and a half to six inches in diameter. For a mid-season pink this Aster is without a rival. In season it is a little later than the White Mikado.

Packet 25 cents; two for 40 cents.

VICK'S ROCHESTER ASTER MIXTURE

Packet 20 cents; two for 35 cents.

VICK'S NOVELTY ASTER MIXTURE

The Finest Mixture Ever Offered

Our new mixture will yield our customers quantities of magnificent large flowers, and in addition, give them an insight into the fascinating work of developing new varieties. The seed of the mixture was saved from the plants grown in our experimental garden, where the work of improving and crossing new varieties is carried on, and from which many famous kinds have been introduced. The plants from a packet of this seed will not only prove of great interest, but will reward you with a variety of beautiful flowers.

Packet, 25 cents; two for 40 cents.

Our Novelty Aster Mixture well deserves the popularity it has gained during the few years we have been offering it

VICK'S Lavender and Purple ROCHESTERS

It is no exaggaration to say that these marvelous Asters are far in advance of any heretofore offered.

Vick's Lavender Rochester and Vick's Purple Rochester are new colors in this splendid type of Aster and they are even larger, more double and more Chrysanthemum-like than the original Pink Rochester.

With proper cultivation the stems are unusually long and strong, and usually without side branches. The illustration on this page fails to show the wonderful thickness of these masses of shaggy petals.

Vick's Lavender Rochester. A clear light lavender color, just the shade in greatest demand by the florists.

Packet, 25 cents; two for 40 cents.

Vick's Purple Rochester. A deep rich purple.

Packet, 25 cents; two for 40 cents.

VICK'S LAVENDER ROCHESTER

The New CERISE ROCHESTER is shown on page 3.

VICK'S LATE UPRIGHT

A new strain of Asters combining the erect growth of the earliier Uprights with the flowers the season and the foliage of the Late Branching. The upright habit admits of closer planting.

Vick's Late Upright Peach blossom. A slightly deeper shade than Lavender-Pink. Very beautiful.

Vick's Late Upright Crimson. A deep rich, glowing color and very large flowers.

Vick's Late Upright Amethyst. The flowers open nearly white, deepening with age to a decided amethyst.

Vick's Late Upright Rose. A wonderfully beautiful flower of a soft rose color. Very large flowers.

Vick's Late Upright Purple. Deep purple flower of a very rich shade. A popular flower.

Separate colors or mixed colors, each, packet, 15 cents.
Special Collection of the six packets, 75 cents.

MIXED ASTERS

All classes and colors mixed in great variety, 15 cents

Letters Like This Justify Our Greatest Efforts in Producing High Grade Asters

Prospect Sta., Tennesee. Sept. 14, 1920

I feel that I would be ungrateful if I did not tell you of my success with the Aster seed I bought from you this spring.

When the Early Branching and Perfecti n bed came into bloom I thought them so wonderfully pretty, that I asked my friends to come to see them—they thought them very beautiful. The Heart of France was much admired.

But when the Rochester opened their fluffy petals, then all exclaimed—how lovely! The King was fine in its royal robes and did honor to its name. Many of these blooms found their way to sick rooms and the cemetery.

Thanking you for the pleasure they gave me.

MRS. J. G. MASON, SR.

VICK'S MIKADO ASTERS

Packet, 15 cents; two for 25 cents.

Vick's White Mikado, was the forerunner of this beautiful group of Comet Asters. The great shaggy, white flowers are made up of petals that are curled and twisted so that the flowers resemble fine white Chrysanthemums. The flowers are carried on stems of good length. The plants have a spreading habit, similar to that of the Branching Asters. The White Mikado is among the earliest of the mid-season Asters, coming immediately after the extra early varieties.

Vick's Rose Mikado. A deep, brilliant rose color. Like the White Mikado except in color.

Vick's Dark Violet Mikado. A rich, deep purple violet. The flowers are full double, very decorative in character and borne on good, stout stems.

AMERICAN COMET or CREGO ASTERS

This splendid strain of Asters have large flowers, with long, narrow, loose petals of the Comet type and grow in a variety of beautiful colors. The plants are of the branching family and are very vigorous and productive. They bloom in mid-season or just before the Late Branching and present a most pleasing spectacle in the garden. **Packet, 15 cents.**

White, Shell-Pink, Rose, Purple.

One Packet each of the above colors. Four Packets, for 50 cents.

All colors mixed, extra fine, Packet, 15 cents.

Some aster seeds I bought of you this year are lavender Rochester, Heart of France and Silvery Rose. They are the most beautiful asters I have ever seen. Ever so many of my friends and neighbors have come to see them and one asked for your catalogue.

Fayette, Ohio., Sept. 15, 1920. *MRS. OLIVER BAER*

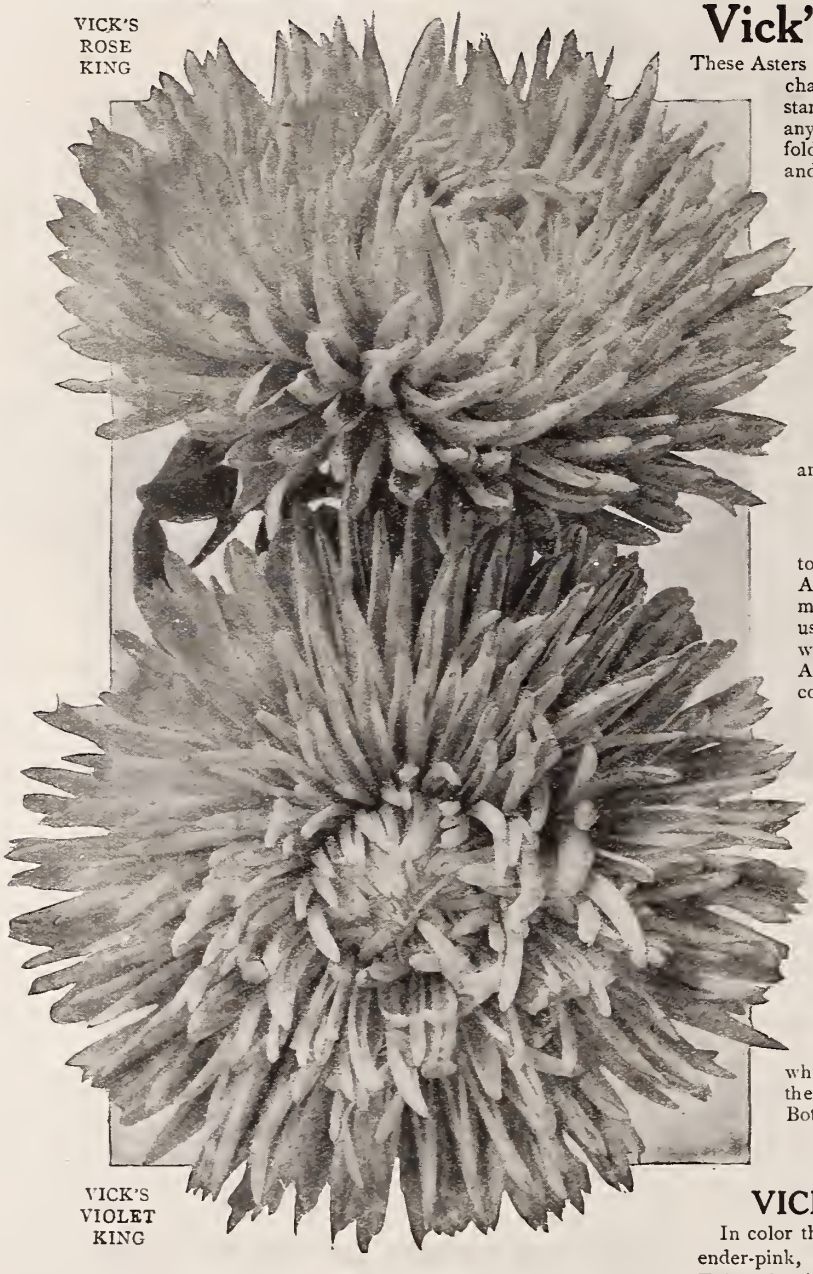
The artistic beauty and immense size of Vick's Rochester Asters have won for them universal admiration and praise

Vick's Famous King Asters

These Asters form a magnificent class distinct from all others in the character of the flower, which is of great size and substance, and lasts longer when cut than those of almost any other variety. The petals are long, narrow, and folded lengthwise, appearing almost as though quilled, and giving the flower a graceful and charming effect. The plants are large and the stems exceptionally strong.

The past few years have seen wonderful strides in the development of Vick's King Asters. It was in 1906 that we introduced the Violet King, which has probably won more prizes in the last few years than any other variety in the world. This was followed in 1910 by the Rose King. In 1912 we added two beautiful King Asters, differing from the other Kings not only in color, but in habit of plant. The charming Crimson had its debut in 1915, and 1916 saw the introduction of the Shell Pink King. All represent true Vick quality, and will give complete satisfaction and a large amount of pleasure to those who plant them.

VICK'S ROSE KING



VICK'S VIOLET KING

VICK'S SHELL PINK KING

The color, a soft pleasing blush pink, is just the shade to increase the popularity of the whole King Class of Asters, just the shade we've needed most, and striven most diligently to secure in the last few years. Whether used separately or with one or more other colors, you will agree that any bouquet in which our Shell Pink Aster is included is gloriously beautiful and artistically complete.

Shell Pink King. Branching type, **Pkt. 25 cents.**
Shell Pink King. Upright type, **Pkt. 25 cents.**
Two for 40 cents.

VICK'S CRIMSON KING

Here is another excellent addition to our King Class. No other color makes a richer, more strikingly handsome appearance than does this new Crimson King. In fact it's about the richest, most brilliant Crimson we've ever seen in Asters. It is similar in every respect to our original type of which Violet King was the first. Upright type.

Packet, 25 cents; two for 40 cents.

VICK'S WHITE KING

Any pure white Aster is deservedly popular, for which reason Vick's White King is rapidly approaching the remarkable record of Violet King in point of sales. Both Branching and Upright types.

White King. Branching type, **Pkt., 25 cents.**
White King. Upright type, **Pkt., 25 cents.**
Two for 40 cents.

VICK'S LAVENDER PINK KING

In color the Lavender Pink King is a beautiful and delicate lavender-pink, very much like the now famous "Rochester" Aster. This color is offered only in Upright type of plant.

Packet, 25 cents; two for 40 cents.

VICK'S ROSE KING

Vick's Rose King is a deep brilliant rose. It differs in color only from its famous parent, Violet King.

Packet, 25 cents, two for 40 cents.

VICK'S VIOLET KING

The immense flowers are a rich violet purple. They are quite thick, with a full center which is usually twisted into a strong "whorl" in the freshly opened flowers. A vase of Violet King Asters is an object not only beautiful, but bold and striking.

Packet, 25 cents; two for 40 cents.

VICK'S LAVENDER KING

The massive flowers of the new Lavender King are of the same thick, fluffy type as those of the White King. The color is a very pleasing shade of deep Lavender.

Lavender King. Branching type, **Pkt., 25 cents.** **Two for 40 cents.**

VICK'S KING ASTERS

All Colors Mixed.
Packet 20 cents; two for 35 cents.

Knoxville, Ia., Mar. 23 1919

Last year my asters were the finest beds in town,
Yours truly,
Mrs. Cassie Sibey.

We are the largest growers of high grade Asters in America. Our farms are among the show places near Rochester

Vick's Pink Enchantress

This splendid Aster, introduced by us recently, is highly commended by our customers, and large quantities are grown annually by commercial florists. The immense flowers of a soft, delicate pink, are borne on strong, upright plants. The color is that of the popular "Pink Enchantress" Carnation. In Asters, the color is between that of Vick's Daybreak and the Semple's Pink Branching and although very delicate, does not fade. In size the flowers are equal to those of the largest Branching Asters. They are made up of broad petals, loosely arranged, and the effect is indescribably soft and pleasing. Nothing could excel in refined beauty a vase of Vick's Pink Enchantress Asters. The plants, of upright type, are tall and strong.

Packet, 20 cents; two for 35 cts.

London, Ont..

Your Aster Enchantress, was exceptionally well named. It is that and more. Some of them that I grew this summer measured four inches across, and the fairy-like delicate pink flower was certainly enchanting.

(Miss) Anne R. McInnis.

VICK'S PINK ENCHANTRESS

VICK'S AUTUMN GLORY

A New, Very Late Branching Aster

Pure sea-shell pink. While similar in color to Semple's Pink, with which most growers are familiar, it has a better and more substantial flower, a deeper and longer keeping color, and larger and stronger type of plant. Its most distinctive characteristic and chief claim for recognition, however, is the fact that it is later in season than any of the other varieties. While it cannot take the place of others of similar color, which are earlier, it supplements them by blooming after the other Late Asters are past their prime, and before the early Chrysanthemums are ready, thus prolonging the Aster season two weeks, and coming at a time when good flowers are extremely scarce. Vick's Autumn Glory will be a money-maker for the commercial grower, and a delight to the amateur. It comes uniformly true to color and type. The flowers are very double and are borne on stems of unusual length. **Packet, 20 cents; two for 35 cents.**

VICK'S LAVENDER GEM

When first open the flower is an exquisite pale lavender, which deepens with age. In structure, it is always full double, and bears a large proportion of long, partly tubular florets, which are irregularly cut and slashed, so that it looks like a ragged Chrysanthemum. The flowers are borne in profusion on long, slender, wiry stems. The plant is erect and of medium height, branching close to the ground. It belongs with the early sorts. Indeed for the amateur it is about the earliest variety of value for out door planting.

Packet, 15 cents; two for 25 cents.

Sept. 13, 1920.

The asters I received from you were the finest asters I ever saw grow, especially the White Perfection, the Silvery Pink and the Heart of France. They were so large and perfect. I have raised asters for sale the past four years but never had so many perfect colors as I raised this year. Every one in the city of Beloit remarked what perfect asters they were.

Mrs. F. Meyer

Beloit, Wis.

VICK'S TRIUMPH COMET

A magnificent new class of mid-season Asters with extra long stems and large, fluffy, full, double flowers of the finest type. Splendid Mikado or Rochester flowers on tall, upright plants, blooming early in the season. In comparing Vick's Triumph Comet Asters with other upright Comet Asters as they are grown on our farms, under as favorable conditions as our Asters ever receive, we find that the plants of Vick's Triumph Comet are taller, the stems longer and the flowers more double than those of other varieties of the same class.

We offer Triumph Comet Asters in these colors: White, Lavender, Purple, Shell Pink, Lavender Pink, Rose.

Packet, 15 cents; two packets, 25 cents. Vick's Triumph Collection of the six colors, six packets, 75 cents.

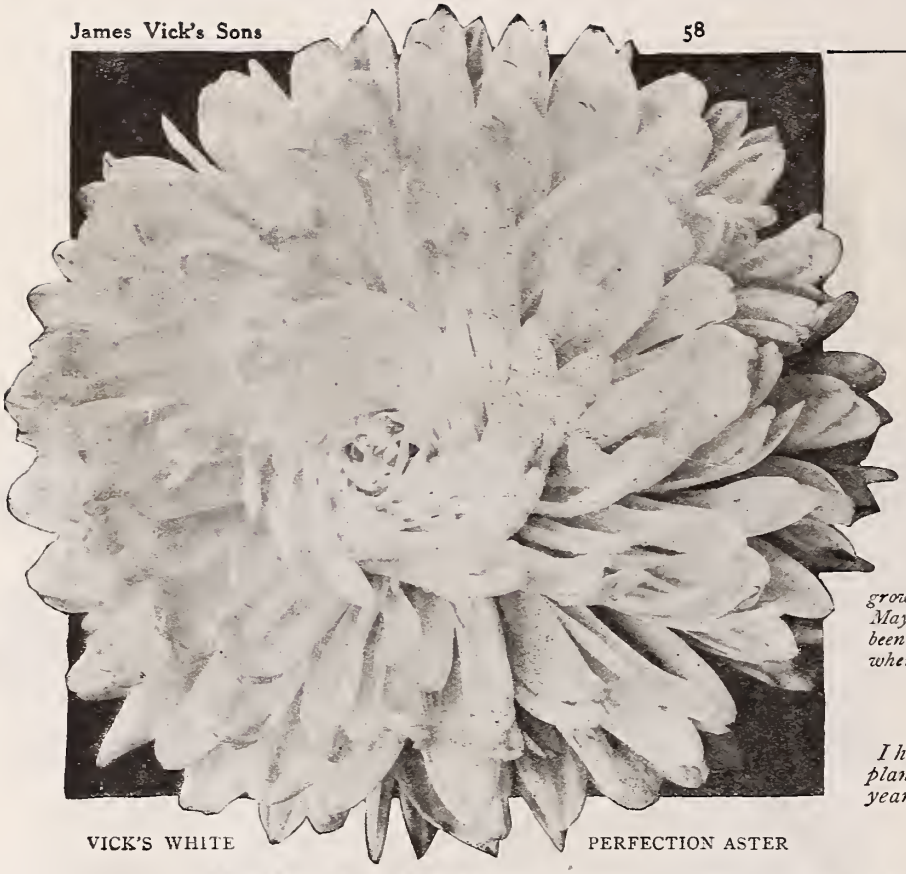
Triumph Comet, mixed colors, packet, 15 cents.

TRIUMPH COMET, ROSY RED

A New Variety Last Season

Rosy Red the popular new color introduced by us three years ago in the Branching Class, we now take pleasure in offering ir the Triumph Comet Type. This charming color in the large, fluffy comet type of flower is making this variety in great demand, It is splendid for cut flowers.

Packet, 20 cents; two packets, 35 cents.



VICK'S WHITE PERFECTION ASTER

VICK'S CARDINAL

One of the best varieties for borders or beds. It has a very long season of bloom. The buds are a rosy carmine; the fully open flowers, which develop quite slowly, are a brilliant glowing cardinal, gradually fading to a deep crimson. The whole plant has a dark, rich color; even the dry and withered flowers retain so much color that the plant does not become unsightly. In the new strain of Cardinal now offered the middle of the flower is filled with long quill-like florets, so that it never shows a yellow center.

Packet, 20 cents; two for 35 cents.

Wish We Had Space For The Picture—Its Fine

Orange, Mass. Oct., 10, 1920

Am enclosing a picture of my garden, (nearly ⅛ acre) where I have had many visitors. These Asters, 1300 of them were grown from your seeds, planted in the open ground May 19. Of course they were late, but they have been very much admired and many have asked where I buy my seed.

Mrs. E. N. Harrington.

Greenville. Ohio, Mar, 3, 1919.

I have been well pleased with both seed and plants ordered from you. My aster bed last year was beauliful.

Yours sincerely,
Mrs. G. J. Mauk

VICK'S PERFECTION ASTERS--Upright

This is one of the most popular classes of Asters ever introduced. In shape of plant they are erect or upright like the Imperials as distinguished from the widely branching sorts. They are very vigorous, and somewhat larger than any other mid-season uprights. The flower petals are incurved like those of Peonies. The Rose, Lavender and Purple Perfection have a beautiful sheen on each petal which, especially in sunlight, gives the flowers the effect of changeable colors.

WHITE PERFECTION

We consider this the finest mid-season White Aster in cultivation. Grown under ordinary farm conditions, the flowers averaged four inches in diameter. They are exquisite in form; the broad petals are slightly folded lengthwise, making them appear rather narrow. When first opened the entire flower is strongly whorled, producing a charming effect. In mature flowers, the outer rows of petals are straight, but the center still retains its characteristic strong whorl. The plants are extremely vigorous, with unusally broad dark green leaves and stout stems, and are taller than those of the late upright Asters. They carry about twelve large flowers on long stems free from side branches. **Packet, 20 cents; two for 35 cents.**

BLUSH PERFECTION

An exquisitely dainty companion to the White Perfection. The flowers are equally large and have the same beautiful whorled form, but the color, instead of being snowy white, is an extremely delicate shade of flesh pink. The plants are similar in height, season of bloom and number of flowers, but the Blush Perfection makes a more slender growth. **Packet, 20 cents; two for 35 cents.**

SHELL PINK PERFECTION

Like the Blush Perfection, recently introduced, the Shell Pink Perfection makes a tall, slender growth. The large, very double flowers are borne on stems of great length, making them especially valuable for bouquets. The color is a beautiful shell pink, distinctly deeper in shade than Blush Perfection. In the fully opened flower the outer petals are widely spread, while the center of the flower is strongly whorled and the petals are also incurved.

Packet, 20 cents; two for 35 cents.

ROSE PERFECTION

The flowers of the Rose Perfection are a deep, bright rose color. They are of the same strongly whorled, incurved type as those of the Blush and Shell Pink Perfection; there is a decidedly pronounced twist to the petals. The Rose Perfection also resembles the Blush and Shell Pink Perfection in growth, the plants having the same tall, slender, long-stemmed habit.

Packet, 20 cents; two for 35 cents.

LIGHT LAVENDER PERFECTION

This lavender color in a flower of the Perfection type is particularly beautiful. In combination with White Perfection, either in the garden or when cut, it makes a very handsome showing. Many of our friends pronounce it the best Light Lavender they have ever seen. **Packet, 20 cents; two for 35 cents.**

CRIMSON PERFECTION

This beautiful Aster has attracted the attention of everyoue who has seen it. The flower is of very fine form, large and strongly whorled, and borne on long stout stems. Plants are vigorous, and the foliage of an unusually fine color.

Packet, 20 cents; two for 35 cents.

PURPLE PERFECTION

The flowers of the Purple Perfection are, like those of the other members of this class of Asters, large, and borne on tall, strong stems. In color, they are a rich purple, which places them among the most desirable of the Perfection type.

Packet, 20 cents; two for 35 cents.

VICK'S PERFECTION ASTERS, ALL COLORS, MIXED, PACKET, 20 CENTS; TWO FOR 35 CENTS

A FIELD OF SHIRLEY POPPIES ON ONE OF OUR FARMS
One of our specialties this season. See page 72, also inside back cover for illustrations in color.

VICK'S ANNUALS

THE Annuals are valuable treasures to both amateur and professional gardener. In every conceivable spot in the garden some variety will be found especially well adapted. Every bed can be made brilliant with these favorites, for there is no situation or soil in which some of the Annuals will not flourish. Some members delight in shade, others in sunshine; some are pleased with a cool clay bed, like the Pansy; while others are never so comfortable as in a sandy soil and burning sun, like the Portulaca. Still others seem perfectly indifferent, and will grow and flower under almost any circumstance. Some kinds should be planted very early in the spring, while a few will give an abundance of bloom if planted quite late in the season.

To the Annuals, mainly, are we indebted for our brightest and best flowers in the summer and autumn months. Without the Phlox and Petunia and Portulaca and Aster and Stock, our gardens would be poor indeed, and poorer still without the sweet fragrance of the Alyssum, Mignonette and Sweet Pea. Our list of Perennial flower seeds begins on page 80, hardy plants and bulbs on page 84.

AGERATUM

The pretty, brush-like flowers of the Ageratum are produced in clusters constantly all through the summer. The plant has a neat, busby habit. Excellent for bedding or for bouquets. Seeds may be sown in a mellow seedbed in the open ground, or under glass early in the season. Pkt.

Little Dorrit. Azure blue. Very dwarf. Free flowering 10
Little Dorrit, White. Same as above, except in color of flower. . . . 10
Blue Perfection. Splendid dwarf hedding variety, the darkest of all blue Ageratums. ¼ ounce, 40 cents 15
Coerulium, Blue 10
Princess Victoria Louise. Dwarf. Bright blue, white center 10
Mixed Varieties. ¼ ounce, 15 cents; ½ ounce, 25 cents 5

ALLEGHENY VINE

Adlumia cirrhosa. Wood Fringe. Graceful hardy biennial climber with feathery foliage like the Maiden Hair Fern. Bears a profusion of pretty and curious pink flowers. Easily grown, and blooms first year from seed. Likes a damp, cool place . . . . . Pkt. 15

ALYSSUM (See also pp. 80 and 84)

Small white flowers, delicately fragrant, valuable for cutting and for bedding. Sow in early spring or even the previous autumn. In the border the plant is covered with bloom the entire season. For winter bloom sow the last of August, thinning to about a dozen plants for a good sized pot or basket. When out of bloom cut back for a second crop of flowers Pkt.

Sweet Alyssum. ½ ounce, 25 cents; ounce, 40 cents 5
Little Gem. Dwarf, compact. Not over six inches high. Covered with fragrant white flowers the entire summer. ¼ oz., 25 cts.; oz., 75 cts . 10
Carpet of Snow. As the name indicates, this variety forms a close mat completely covering the ground with white bloom.
¼ ounce, 25 cents · ounce, 75 cents 10

AMARANTHUS

Illustrated in color on inside back cover.

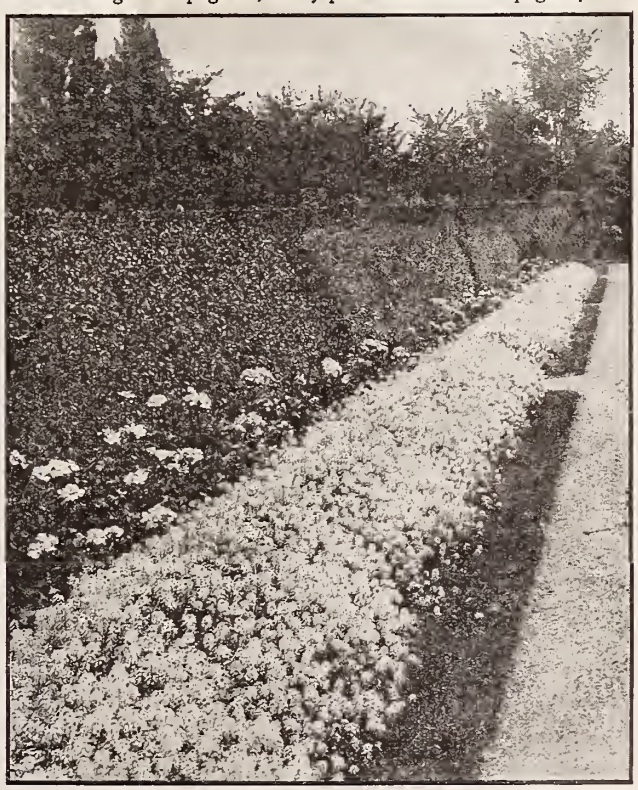
Bright colored plants from three to five feet high. Easily grown annuals thriving in hot sunny locations. Pkt.

Sunrise. The most brilliantly colored of the Amaranthus. Lower leaves dark maroon; top of plant glowing crimson scarlet from early summer until frost. Look at the illustration in color on inside back cover. You can imagine the brilliant display a field of Amaranthus Sunrise growing for seed makes. Very effective for bedding or in border 15
Tricolor (Joseph's Coat). Foliage crimson, yellow, bronze 10
Caudatus (Love-lies-bleeding). Brilliant foliage, spikes crimson and drooping 10
Vick's Fine Mixture 5

ASPERULA (See also page 80)

Flowers fragrant. Plants bloom profusely. About nine inches in height. Thrive well in the shade. Fine for borders and rockeries. Pkt.
Azureta setosa. Annual. Fragrant sky-blue flowers. Blooms all summer. 10

Amaranthus Sunrise deserves a place in every garden.



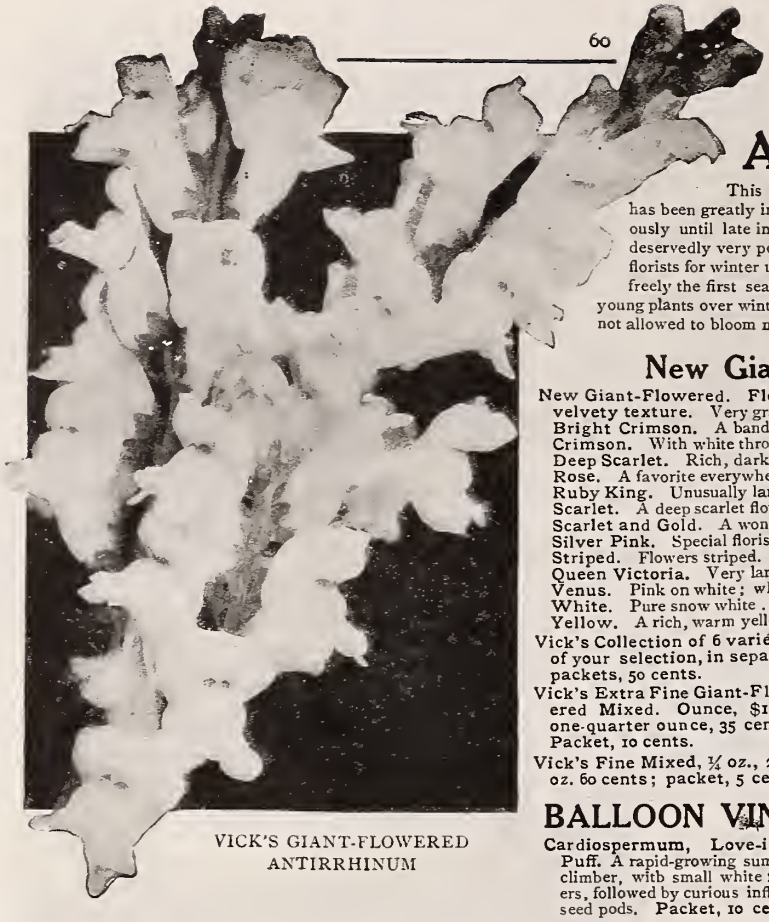
BORDER OF ALYSSUM, GERANIUMS AND PIVET IN BACKGROUND

AGROSTEMMA

Pkt.

Rose of Heaven. A very pretty old favorite hardy annual of graceful habit; flowers of light rose, shaded white 10

It is easily grown and makes a brilliant display of color



VICK'S GIANT-FLOWERED ANTIRRHINUM

Vick's Giant Antirrhinums (SNAPDRAGON Hardy Annual)

This fine old-fasbioned flower is again becoming very popular. It has been greatly improved in recent years. As a bedding plant it blooms continuously until late in the fall. Since tbe long spikes of brilliantly colored flowers are deservedly very popular for cut flowers, Snapdragons are grown extensively by florists for winter use. Grow two to three feet bigh. Sown in early spring it blooms freely the first season. For early flowers sow seed in midsummer and protect the young plants over winter. Plants from seed sown in the spring will live over winter if not allowed to bloom mucb tbe first year. Tbey should have some protection in winter.

New Giant-Flowering Antirrhinums

New Giant-Flowered. Flowers double the size of ordinary sorts. Have a rich velvety texture. Very graceful and beautiful when cut for vases. Pkt.

Bright Crimson. A bandsome color. Very attractive	10
Crimson. With white throat	10
Deep Scarlet. Rich, dark color. Very popular	10
Rose. A favorite everywhere	10
Ruby King. Unusually large flowers. Deep blood red	10
Scarlet. A deep scarlet flower witb white tbroat	10
Scarlet and Gold. A wonderful combination of color in a flower	10
Silver Pink. Special florists' strain	15
Striped. Flowers striped. Very handsome	10
Queen Victoria. Very large, pure white, superb	10
Venus. Pink on white; white throat	15
White. Pure snow white	10
Yellow. A rich, warm yellow. Very beautiful	10

Vick's Collection of 6 varieties of your selection, in separate packets, 50 cents.

Vick's Extra Fine Giant-Flowered Mixed. Ounce, $1.00; one-quarter ounce, 35 cents; Packet, 10 cents.

Vick's Fine Mixed, ¼ oz., 20c.; oz. 60 cents; packet, 5 cents.

BALLOON VINE

Cardiospermum, Love-in-a-Puff. A rapid-growing summer climber, witb small white flowers, followed by curious inflated seed pods. **Packet, 10 cents.**

BALSAM. Lady's Slipper

Tbe seed of this popular old-fashioned annual should be sown either in the house, or in the garden after the ground has become warm. The plants do best in a rather light, rich soil. They transplant readily, and the flowers are mucb finer if the plants have plenty of room; one foot apart each way is not too much space for best results. Grown tbis way and given plenty of water the Balsam will make a splendid show and will remain in bloom for a long time. The plants grow about two feet in height.

Camellia-flowered. Superb double flowers in a variety of colors.

White Perfection, Pkt. 15 cts. **Deep Scarlet, Pkt. 15 cts.** **Light Pink. Pkt. 15 cts.** **Mixed.** Many fine sbades, **Pkt. 10 cts.**

Common Double. A great variety of colors. Flowers not so uniformly double as the Camellia Flowered. **Ounce, 80 cts.; ¼ ounce, 25 cts.; Pkt. 5 cts.**

BRACHYCOME

Swan River Daisy. Annual. A cbarming little flower in blue or white. Plants compact, 12 inches in height, with neat slender foliage. Easily grown and blooms the whole season. **Mixed colors. 10**

CALLIOPSIS

Illustrated in natural color on inside back cover.

Plants about two feet in height, of slender growtb, and sbould be given plenty of room to spread. The flowers are of various shades of yellow and orange, variegated with rich velvety crimson or maroon. These graceful flowers are excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. The seed grows very readily, and may be sown where the plants are to flower. Annual. Pkt.

Coronata. Plants compact and of a bright rich green. Bloom early and continue until late fall. Flowers golden yellow, about the size of a silver dollar	10
Drummondi (Golden Wave). Plants bushy, compact, covered with rich golden yellow flowers, chestnut-brown center	10
Dwarf Varieties Mixed. Fine for edging or pots	10
Tall Varieties Mixed. Grown on our own farms. A splendid mixture of gold, red, maroon and bronze in charming combinations. **One-quarter ounce, 20 cents.**	10

CHINESE WOOLFLOWER

A unique type of Celosia Plumosa. Plants grow two to three feet bigb and throw out scores of branches, bearing beautiful, ball-shaped flower heads, somewhat resembling balls of wool. The flowers, which are of a deep crimson-scarlet, bloom profusely during summer and fall, and retain their full beauty and color until destroyed by severe frost. Start seed, if convenient, under glass or in the house about four weeks before danger of frost is over, and transplant to the garden as soon as that danger is past. **Pkt. 20 cents; two for 35 cents.**

BALSAM—LADY'S SLIPPER

Vick's Giant Antirrhinums with their long graceful spikes of brilliant color should have a prominent place in every garden.

AFRICAN DAISY

CANDYTUFT (See page 79 for hardy varieties)

Candytuft has long been among the most highly prized of garden annuals. The best effect is produced by raising the plants in masses, the seeds being sown where the plants are to bloom. Sow in rows six to eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich. When blooming time comes keep the plants well watered.

Purple, White Rocket, Carmine, Lavender, Flesh, Extra Dark Crimson. Each Color, ¼ ounce, 15 cents; ounce, 50 cents. . . Pkt. 10

Mixed colors of above Six Varieties. Ounce, 40 cents. 5

Empress. A pure white variety, of large size, and the finest in cultivation. Strong, free grower, producing large trusses of flowers, on candelabra-formed branches; individual flowers of large size. After devoting several years to selecting and saving seed from only the most perfect flowers, we have succeeded in procuring an extra fine strain of this grand variety. ¼ ounce, 25 cents; ounce, 60 cents. 15

Pinnata. (Odorata, sweet-scented.) Compact plants with fine feathery foliage and pure white flowers. Splendid for edging. Retains a neat appearance throughout the season. ¼ ounce, 25 cents; ounce, 60 cents 15

EMPRESS CANDYTUFT

AFRICAN DAISY

New Hybrids. The blooms of these New Hybrids of the Golden Orange African Daisy, Dimorphotheca aurantiaca, comprise a wonderful variety of beautiful and delicate shades of color, ranging from pure white through pale salmon and primrose tones to deepest orange. The flowers are very graceful and are produced in the greatest profusion all summer. A bed of the New Hybrid African Daisy makes a continuous and charming display of color. . . . . Pkt 10

CANNA (For Bulbs see page 102)

The Canna will bloom from seed the first year if sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.

Crozy's Hybrids. Gorgeous bedding plants, dwarf in habit, early bloomers, and remarkable for beauty, size of flower and foliage. If seeds are sown before April in hotbed or greenhouse, the plants will bloom in July, and continue until frost. These plants may be potted in the fall and kept blooming through the winter, or the roots may be taken up in late fall and re-planted the following spring. Pkt.

Mixed Varieties. ¼ ounce 20 cents; ounce, 50 cents. 10

Fancy Varieties. Seeds selected from the best of the newest sorts. ¼ ounce, 25 cents; ounce, 60 cents 15

CALENDULA or Pot Marigold

One of the best and showiest free-flowering annuals. Will grow in any good garden soil and produce a fine effect in beds and mixed borders. Valuable for pot culture, blooming in the winter and early spring. One foot high. Pkt

Double Sulphur. Flowers large and double. Color light lemon-yellow 10

Meteor. Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow 10

Orange Giant. The finest large-flowered orange. Very double . . . 10

Mixed Varieties. ¼ Ounce, 15 cents; Ounce, 50 cents 5

CELOSIA or Cockscomb

Celosias are interesting and brilliant annuals, and when grown from Vick's Selected Seeds never fail to please the grower and attract attention. There are two desirable forms of the Celosia, the Cockscomb and the Feathered.

COCKSCOMB

Solid heads, often a foot or more across the top. Pkt.

Glasgow Prize. Large dark crimson comb 10

Empress. Leaves dark maroon; heads crimson. Fine 10

Choice Varieties Mixed. Brilliant colors 5

FEATHERED CELOSIA

The Feathered Celosias have feathery plumes of great size and beauty. The following are the best of this class in cultivation, and come true from seed.

Pride of Castle Gould. The new **Ostrich Plume Celosia.** An entirely distinct type of the Feathered Celosia. Pyramidal compact growth of from two to three feet, covered with immense extra fine feathered heads, a most striking and unique appearance. Several brilliant colors . . . 20

Golden Plume. Bright golden, feathered 10

Superba plumosa. Superb feathered, bright crimson 10

Thompson's Superb Crimson Feathered. Splendid. One of the best. 10

Mixed Colors 5

After hard frosts, and when other annuals are gone, our fields of Calendulas are still a mass of yellow and orange

California Poppy

CENTAUREAS

Under this heading we list the popular Bachelor's Button, Basket Flower, Sweet Sultan and Dusty Miller. All are annuals or half-hardy perennials, fine for vases, baskets and pots—for bedding, borders and edgings.

Centaurea Cyanus

Bachelor's Button, Corn Flower, Ragged Sailor, etc.

One of our best known hardy annuals. Blooms freely and is easily grown. Eighteen inches to two feet high. Splendid in a hardy border and for vases. Pkt.

Double Blue, Finest of the Corn Flowers. Full double flowers of deep blue. ¼ oz., 50 cts. 10
Emperor William. Fine Dark blue. Ounce 75 cents 10
Pure White. 10
Mixed Colors. ¼ ounce, 20 cents; ounce, 60 cents 5

Centaurea Americana

Basket Flower. Grows three to five feet, bearing immense, thistle-like blooms of rosy-lavender color on long stems. Handsome in the garden or as a cut flower. 10
Mixed Colors. Shades of lavender, blue and white 10

Centaurea Imperialis

Sweet Sultan

These mammoth varieties are great improvements on the old Sweet Sultans. Easily and successfully cultivated everywhere. The flowers are two to four inches across, of graceful form, and of the sweetest fragrance. Being on long, stiff stems, they are admirably adapted for cutting, keeping a long time. Bloom continuously until late autumn. Plants grow two to four feet high. Pkt.

Odorata. Light blue 10
Margueritæ. Pure satin white. 10
Suaveolens (Yellow Sweet Sultan). Large fragrant flowers produced all summer. Fine for cutting. Two feet high 10
Mixed Colors, including many shades. Oz., $1.00; ¼ oz., 30 cts. . . . 10

Centaurea Silver Leaf

Dusty Miller

Low growing white-leaved perennial varieties, used for ornamental bedding, edging, vases, etc. Grows 12 to 15 inches high. Pkt.

Candidissima. Leaves silvery-white, much divided. 10
Gymnocarpa. Leaves silver-gray, finely divided 10

CHRYSANTHEMUMS

See also pages 81 and 100.

The Annual Chrysanthemums present a varied array of showy, attractive flowers. They are free-blooming, easily-grown, excellent for cut flowers.

SINGLE FLOWERED Pkt.

Golden Feather, Carinatum, Tricolor. Foliage striking yellow. Flowers yellow, with crimson ring near center 10
Fortescens. Paris Daisy or Marguerite. Large white flowers 10
Single Varieties mixed 5

DOUBLE FLOWERED

Bridal Robe. Double pure white flowers . . . 10
Coronarium. Double white 10
" Double yellow 10
Double Varieties mixed 5

GLADIOLUS (For Bulbs see page 99)

Mixed from Choice Named Varieties 10

CALIFORNIA POPPY—Eschscholtzia

The brilliant **Eschscholtzia** is California's chosen State Flower. The plants grow to about a foot in height; the leaves are of a grayish green color, finely cut and divided. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds should be sown where the plants are to bloom. Pkt.

Mikado. Brilliant orange scarlet 10
Golden West. A beautiful variety; color light orange-yellow . . 10
Rose Cardinal. Outside of flower carmine, inside nearly white. 10
Single Varieties, Orange, Yellow and White, each 10
Double Varieties, Orange and White, each 10
Single Varieties Mixed, oz., 50 cents; ¼ oz., 20 cents, ... 10
Double Varieties Mixed 10

For general list of Poppies, See page 72.

CYPRESS VINE

Ipomœa Quamoclit. One of the most graceful and beautiful of garden vines. Its scarlet or white flowers are produced in profusion, and its exquisite finely-cut foliage is well adapted to ornamental work. In rich soil it attains a height of ten feet. Pkt.

White and Scarlet, each 10
Mixed, ounce, 50 cents; ¼ ounce, 20 cents 5

DATURA

Large, strong-growing plants, with large, trumpet-shaped flowers. Roots can be preserved in the cellar like Dahlias. Three to six feet in height. Pkt.

Wrightii. The best single variety, white, tinged with lilac, sweet-scented. 10
Double Varieties Mixed. 5
Cornucopia, Outer trumpet purple, inner trumpet white 10

DAHLIA (For Bulbs see page 98)

Pkt.

Choicest Double varieties mixed 10
Finest Single varieties mixed 10

CENTAUREA IMPERIALIS OR SWEET SULTAN

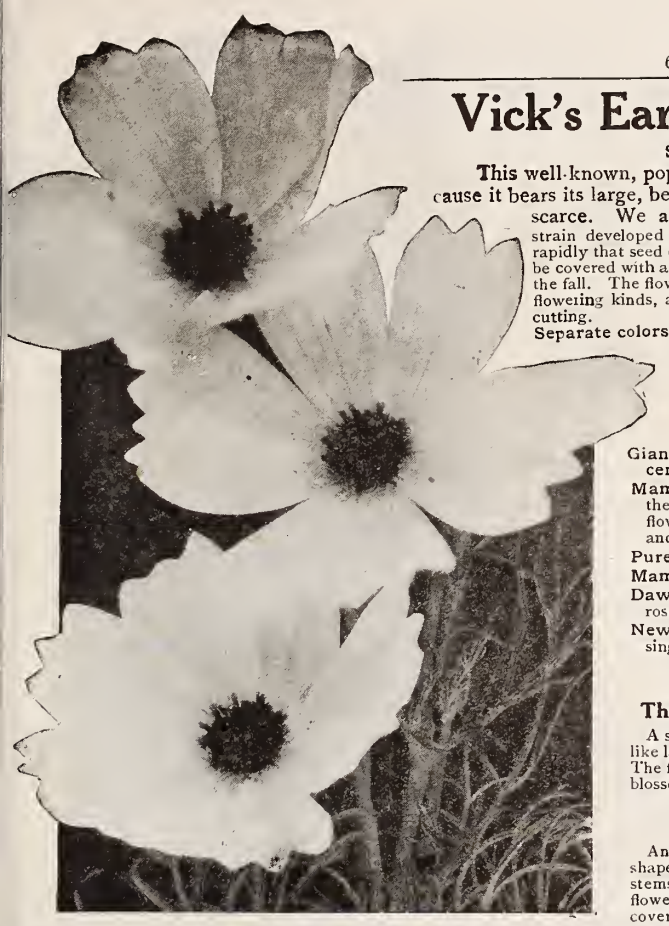
The flowers of Centaurea Americana are strikingly beautiful and always attract attention at Flower Shows

Vick's Early-Flowering Giant Cosmos

See illustrations in color on inside back cover.

This well-known, popular annual has earned an enviable place in the flower world because it bears its large, beautiful flowers in late summer and autumn when other flowers are scarce. We are especially proud of our Early-Flowering Giant Cosmos, a new strain developed on our farm, especially selected for earliness and size of bloom. It grows so rapidly that seed can be sown out of doors where plants are to grow. In a few weeks the plant will be covered with a mass of large, beautiful flowers, and will continue to bloom until frosts come in the fall. The flowers of this excellent strain are fully as large and beautiful as the very best late flowering kinds, and come in various shades from pure white to purplish pink. Unsurpassed for cutting.

	Pkt.
Separate colors, Extra Early-Flowering, white, pink, crimson	10
Mixed colors, Extra Early-Flowering, ¼ ounce, 30 cents.	10
Cosmos Collection of 3 packets of Extra Early-Flowering, one each of white, pink and crimson	25
Giant Pink Lady Lenox. A new variety. Flowers much larger, with wide, overlapping petals, making a perfectly full circular flower. Extra long stems and splendid for cutting. Color a deep rosy pink. **¼ oz., 40 cents** Pkt	10
Giant White Lady Lenox. Same as above with white flower. **¼ oz., 40 cents** Pkt	10
Mammoth Perfection. A vast improvement over the old sort; flowers double the size, the petals being broader and over-lapping, forming a perfectly round flower. Fine for cutting for bouquets and vases, keeping several days in water, and lasting out doors until cut down by frosts.	Pkt.
Pure white, Pink, Crimson, each, **¼ oz., 20 cents**	10
Mammoth Perfection Mixed, ¼ oz., 20 cents	10
Dawn. An excellent early-flowering variety. Flowers good size; white, tinged rose. Plants about four feet in height	10
New Crested Cosmos. Bears large double flowers, but otherwise resembles the single flowering variety. **White Queen, Crimson King, Pink Beauty,** each	20



VICK'S EARLY-FLOWERING COSMOS

CARDINAL CLIMBER

The Most Beautiful and Brilliant Annual Climber Ever Sent Out

A strong, rapid grower, attaining a height of thirty feet or more, with beautiful fern-like lacinated foliage, covered with fiery cardinal-red flowers from midsummer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of five to seven blossoms each. It delights in a warm, sunny situation and good soil. . . . **Pkt.** 15

COBOEA SCANDENS

Another beautiful annual climber, of rapid growth, with fine foliage; flowers bell-shaped, almost one and one-half inches across and two inches long. In good soil the stems often grow twenty to thirty feet long and cover a large surface. Plants begin flowering when quite young. Put the seed in barely moist earth, *edge* down, and barely cover with light soil. Do not water until the plants appear, unless the soil is very dry.

Purple. Pkt 10

DIANTHUS—Garden Pinks

The varieties of Dianthus known as Chinese Pinks and Japanese Pinks are among the most brilliant of our garden flowers, and are worthy of particular care. The plants are from twelve to fifteen inches in height. Seed can be sown under glass in the spring, or in an open, sheltered bed. The plants are easily transplanted, and should be set from eight to twelve inches apart. Blooms the first summer, and also the second, if the flowers are freely picked, and the plants are protected in the winter.

DOUBLE GARDEN PINKS

	Pkt.
Chinese or Indian. Blooms in clusters. Flowers double. Best mixed.	10
Diadem. Dazzling colors with distinct black markings. Beautiful variety.	10
Fringed. Deeply fringed. Magnificent large flowers in rich colors	10
Heddewigii. Beautiful large flower, in rich color patterns. Fringed	10
Imperial. The large double flowers distinctly marked. Choice colors	10
Mourning Cloak. Very dark velvety crimson bordered with white	10
White. Large double flowers	10
Double Varieties Mixed, ¼ oz., 30 cents	5

SINGLE GARDEN PINKS

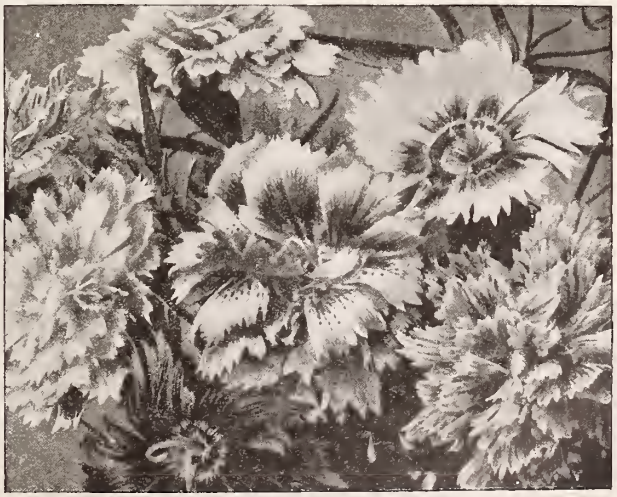
The rich markings show more plainly than in the double flowers.

Fringed. The deep fringing gives an effect of richness and elegance.	10
Heddewigii. Large flowers in a variety of brilliant colors	10
Single Mixed Annual Varieties, ¼ oz., 30 cents	5

Carnation Pinks (See also page 100)

The various kinds of Carnation Pinks are all closely related to the greenhouse varieties of Carnations. All are deliciously fragrant, and all have the same narrow, grass-like foliage. All are hardy or half hardy perennials. Finest of the Dianthus group.

	Pkt.
Marguerite. Like the winter blooming Carnations, but bloom the first year from seed. A great variety of beautiful shades and fragrant double flowers. Seeds should be sown inside to give longer season of bloom. Plants can be taken up in pots for winter blooming.	
Pure White, Yellow, and Mixed Colors, each	10
Giant Flowering Marguerite. An extra large-flowering strain of Marguerites. Stronger plants and equally early. **Mixed Colors**	15
Dianthus plumarius. Pheasant's Eye, Grass Pink, or June Pink. Fine for massing. Closely related to the Carnation but smaller flowers and more hardy. Flowers beautiful and fragrant.	
Single Mixed, one-quarter ounce, 25 cents	10
Double Mixed. (Grass Pink, or June Pink)	10
Cyclops Pinks. Scotch Pink. Very hardy. Beautiful single flowers with large eye of velvety blood red. Has a sweet clove-like perfume.	10
Semperflorens. Florists' Perpetual Pink. Very sweet-scented, double and single flowers. Great diversity of colors.	25
Early Dwarf Vienna. Beautiful double Carnations with delightful clove fragrance, blooming profusely early the second summer. It is better to renew the plants each year. **White or Mixed, each**	15
Grenadin. Early dwarf variety with double bright scarlet flowers	25
Extra Choice Everblooming. Double flowers in a great variety of colors. Extra fine.	20



SINGLE AND DOUBLE GARDEN PINKS

Vick's Extra Early-Flowering Cosmos is one of the most beautiful, showy and desirable annual plants for the flower garden

DELPHINIUM or LARKSPUR, Annual

(For perennials see pages 82 and 85)

These beautiful annuals bloom very freely and produce large spikes of long-keeping flowers, white, pink, rose, light blue, dark blue, and violet. In some varieties the flowers are double, in others single. The beautiful plume-like foliage is very ornamental, and the whole series are excellent for bouquets and table decorations. They prefer a cool soil and season. Sow seed in fall, or early in spring. The branching varieties grow two feet high, and should stand eighteen inches apart. The Rockets should be thinned to five or six inches apart.

	Pkt.
Double Dwarf Rocket. One foot in height. **Mixed Colors.** ½ oz., 25 cts.; oz., 40 cts. . .	10
Double Tall Rocket. Large plant; very showy. Two feet high. **Mixed Colors.** ½ oz., 30 cts. oz., 50 cts.	10
Stock-Flowered. Double. Branching. Fine for cutting. Two feet high. **Mixed Colors** . .	10
Emperor. Our own special strain grown and developed on our own farms. Of compact form. A brilliant assortment of colors. Two feet high. **Mixed Colors.** ¼ oz., 25 cts.; ½ oz., 40 cts.	10

GAILLARDIA, Annual

(See also pages 82 and 86)

The Annual Gaillardia combines the grace and beauty of the Perennial Blanket Flower in Picta, with Aura Bicolor a beautiful cluster or head of rich brown tubular flowers tipped with gold, two to three inches across, fine for cutting and last long in water. Set plants 12 inches apart. Half Hardy 18 to 20 inches high.

	Pkt
Picta Lorenziana. Fine double. Flowers two inches in diameter. ¼ ounce, 45 cents . . .	10
Mixed Single Annual Varieties. ¼ ounce, 25 cents	5

HELIOTROPE

This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. Seed sown early in the spring in the house will make fine plants for summer bedding.

New Hybrids. A splendid strain of giant flowering. **Choicest Mixed Colors** . . . . . Pkt. 10

HUNNEMANNIA, Tulip Poppy

Hunnemannia fumariæfolia, Giant Yellow Tulip Poppy. This very beautiful plant forms a shrubby bush two feet in height, with finely-cut foliage, similar to that of the California Poppy and produces large tulip-shaped flowers on long stiff stems, from August to November. The color is a clear, brilliant yellow, the petals resembling crushed satin. The flowers will keep in water for several days. Sow seed early in the spring, in shallow drills where the plants are to bloom. Pkt 10

IPOMOEA, Moon Fower

(For plants see page 104)

The Ipomœas are climbers of rapid growth. If planted in rich soil in a sunny location and given plenty of water will grow to a height of 60 to 70 feet during a single summer, and will bear immense fragrant flowers of glistening white 7 to 8 inches across. The flowers open at sunset and close the next morning. To hasten germination soak seed in warm water a few hours.

	Pkt.
Bona Nox. Good Night or Evening Glory, Moon Flower. Flowers large, white. ¼ oz., 20c.	10
Giant Pink Hybrid. The soft lilac-pink flowers are produced abundantly all summer and fall.	10

For other varieties of Ipomœa, see Cypress Vine, Morning Glory and Cardinal Climber.

LARKSPUR—DELPHINIUM

HYACINTH BEANS or Dolichos

Dolichos lablab. This really beautiful climbing plant is of quick growth; the foliage is handsome, and the clustered spikes of purple flowers are borne in great profusion. The shining purple seed pods are also very ornamental. Tender annual, growing six to eight feet. Seed should be sown where plants are desired, in as warm and dry a spot as possible. ½ oz., 25 cts . . Pkt. 10

New Japan. A new and beautiful variety, with large, pure white flowers, and waxy white seed-pods. Grows eight to ten feet . . . . . Pkt 10

ORNAMENTAL GOURDS

GOURDS

The Gourds are prized for their rapid growth and their odd-shaped and highly colored fruits. They are useful for covering arbors, old fences, stumps, etc. The fruits, when allowed to ripen, can be kept for years.

	Pkt.
African Pipe Gourd. The fruit of this Gourd is used in making the pipes now so popular on account of their lightness and coloring qualities . . .	10
Dish-rag, or Sponge. (Chinese Luffa.) When ripe the inside resembles fibrous cloth, which can be used as a sponge	10
Balsam Pear has ornamental foliage. When ripe the golden yellow fruit opens, displaying the carmine interior	10
Calabash. The old-fashioned dipper gourd	10
Knob Kerrie. A very popular and ornamental variety that bears a long, slender-stemmed fruit with a ball-like knob on its end. Green, changing to mottled yellow.	10
Nest Egg. White, perfect egg shape	10
Wild Cucumber. Echinocystis lobata. A fast-growing climber running 30 feet in season. White fragrant flowers, prickly seed pods.	10
Hercules' Club. Strong-growing climber bearing fruit of great length.	10
Mixed Varieties. Contains a great variety of curious forms in addition to the kinds named above.	5

GYPSOPHILA

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of masses of other flowers, and are especially useful with Sweet Peas and other flowers that cannot readily be cut with their own foliage. For Perennial Gypsophila see page 81.

Elegans. Beautiful, hardy annual. Blooms profusely. Flowers white, pink and rose mixed. ¼ ounce, 20 cents . . . . . Pkt 10

ICE PLANT

Mesembryanthemum crystallinum. A most interesting plant, with delicate, succulent almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work and rockeries. Prized for its singular foliage, which looks as though covered with particles of ice . . . . Pkt 10

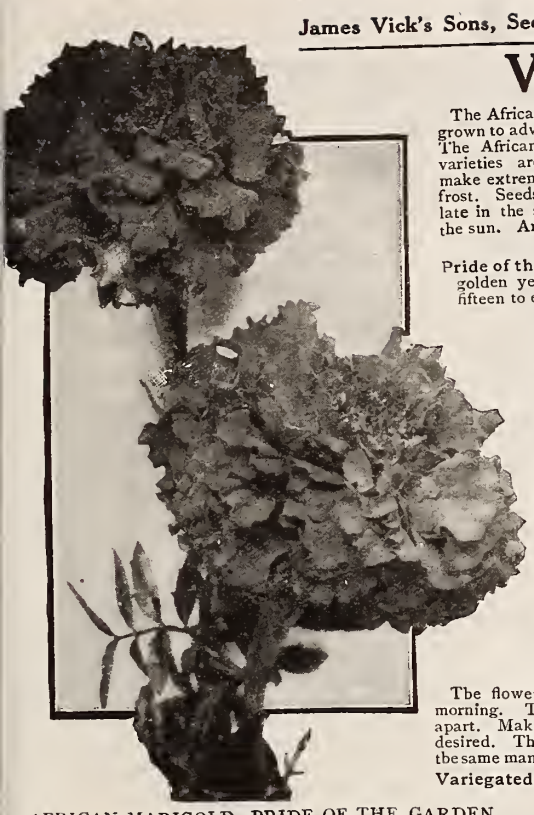
JAPANESE HOP

A splendid annual climber, rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is much more dense. Seed sown in the open ground in spring will produce large plants in a short time Withstands heat, drought, and insects.

Japanese Hop	Pkt 10
Variegated Japanese Hop. Leaves green and white variegated .	Pkt 10

Make your garden beautiful and useful throughout entire year by proper selection of early and late varieties.

VICK'S MARIGOLDS (TAGETES)



AFRICAN MARIGOLD—PRIDE OF THE GARDEN

The African and French Marigolds are valuable for their flowers in late summer and autumn and can be grown to advantage in little clumps, with other plants, in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, being neat compact plants, and remaining in full bloom until killed by frost. Seeds can be sown in the open border, or earlier, in a coldframe, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

AFRICAN MARIGOLDS

Pride of the Garden. The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across. ¼ ounce, 50 cents . . . . . Pkt 10

Prince of Orange. Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia; golden yellow. Plants 3 feet high. ¼ oz., 50 cts . . Pkt 10

Lemon Queen. Large lemon-colored flowers, fine for cutting. . . . . Pkt 10

Mixed Varieties. ¼ Ounce 25 cents . . . . . Pkt 5

FRENCH MARIGOLDS

Gold Margin. Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. ¼ ounce, 35 cents . . . . . Pkt 10

Dwarf Gold Striped. Double rich brown, striped golden yellow, ¼ oz. 35 cents. . Pkt. 10

Dwarf Marigold Little Brownie or Legion of Honor. A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon . . . Pkt 10

Signata pumila. Sunshine Marigold. One of the most beautiful plants for fall color, about eighteen inches high, very bushy habit, and each slender branch, which press close to the main stem, crowned by a delicate golden flower with orange center forming a dense globular mass. Charming in a border or alone. ¼ ounce, 50 cents . . . . . Pkt. 10

Dwarf Double Varieties Mixed. ¼ ounce, 25 cents . . . . . Pkt 5

Tall Varieties Mixed. ¼ ounce, 20 cents . . . . . Pkt 5

FOUR O'CLOCK or MARVEL OF PERU

The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. **Marvel of Peru. Mixed Colors.** ½ Oz. 20 cts . . . . . Pkt. 5

Variegated Foliage. Flowers of a variety of colors . . . . . Pkt. 10

LINUM or FLAX

Scarlet Flax. Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual. Grows 1½ to 2 feet high. . . . . Pkt 10

Perennial Varieties Mixed . . . . . Pkt 5

LOBELIA (See also page 81 and 86)

Exceedingly useful plants for edging flower beds, their free-blooming qualities and brilliant shades of blue and white making a pleasing contrast to the masses of reds and yellows so prevalent in bedding. They are splendid for hanging baskets, pot culture, etc. All are annuals except Lobelia cardinalis, which is a hardy perennial.

Cardinalis. Perennial; Native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started indoors. The flowers are said to be the most brilliant scarlet tint that occurs in nature. 15

Barnard's Perpetual. Flowers a brilliant blue, white eye 10

Crystal Palace compacta. Dark blue. For borders and bedding . . . 10

Emperor William. Light blue; compact; very fine 10

Erinus (gracilis). Blue. Fine for baskets or trailing purposes 10

Mixed Varieties, for baskets, etc., ... 5

NICOTIANA

Affinis. One of the best Nicotianas we have ever grown. The plant attains the height of three feet, and is covered with deliciously-scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. ¼ ounce, 35 cents 10

Sanderæ. The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. 10

Sylvestris. Grows about five feet high, with very symmetrical foliage. The very long pendulous flowers are delicately fragrant, and are borne in great profusion. A bold, striking plant. 10

MIMULUS

The Mimulus, or Monkey Flowers (named from the resemblance of the corolla to a mask or face), are beautiful tender plants with almost transparent branches. Fine for baskets, vases, and house culture, and do well planted out where they will be somewhat shaded. Half-hardy perennials, blooming the first season if sown early.

Hybridus tigrinus grandiflorus. Flowers beautifully spotted 10

Moschatus. Musk Plant. 15

All sorts mixed 10

MAURANDYA

Maurandyas are graceful, free-blooming climbers, six to ten feet in height. Suitable for outdoor culture, but especially useful for baskets, vases, etc. The flowers are of good size; color white, and various shades of rose, purple and blue. Seed should be sown in pots in a warm, sunny window.

Finest mixed. . . . . . Pkt. 10

KOCHIA, (Summer Cypress)

Tricophila. A very attractive and popular foliage or hedge plant. It grows about three feet high, with many slender branches pressed close to the main stem, and resembles a small, closely-sheared evergreen, the slender foliage being a delicate light green. In September, the whole plant becomes a solid mass of crimson thereby earning the name Firebush. ½ oz., 25c. Pkt. 10

Christmas Kochia, New. The finest and most improved form of Kochia yet produced. For full description see page 4. Illustrated in color on inside back cover. . . . . Pkt. 10

A ROW OF SUMMER CYPRESS OR FIREBUSH ALONG A DRIVE

Kochia makes a very attractive hedge, a beautiful delicate green all summer changing in the fall to a blaze of red

MIGNONETTE—MACHET PERFECTION

MIGNONETTE

BY its sweet yet delicate odor the Mignonette has, for many years, endeared itself to every true lover of flowers. Fragrant as the violet, constantly in bloom, and easily grown, the modest Mignonette is found not only in the greenhouse of the millionaire, but in many a lowly garden and window box. Seed sown early in the garden will give flowers all through the summer and fall. The finest spikes of bloom are produced during cool, moist weather. For winter blooming, seed is usually sown in pots and brought on in succession, keeping the growing plants in a cool room.

	Pkt.
Sweet, (Reseda odorata grandiflora.) A well-known fragrant plant. ½ oz., 20 cts.	5
Grandiflora ameliorata. A large variety, with reddish tinge to the flowers.	10
Giant Pyramidal. A mammoth variety. One-quarter oz., 25 cts.	10
Golden Queen. A very fine and distinct variety, with flowers of a golden hue. One-quarter ounce, 20 cents.	10
Machet Perfection. Plant dwarf and vigorous of good habit, producing large spikes of very sweet-scented flowers. Fine for cutting. One-quarter oz., 35 cts.	15
Allen's Defiance. Spikes from twelve to fifteen inches long, deliciously fragrant. Spikes have been kept three weeks after cutting, retaining the fragrance till every bud opened. One-quarter ounce, 35 cents;	10
Goliath. The plants are compact in habit, with rich, green foliage, and the immense trusses of highly-scented flowers are borne on erect, strong, stiff stalks. It is especially suited to house culture. One-quarter ounce, 50 cents.	15
Large-Flowering. Very large, true pyramidal shape. Reddish-colored flowers, borne on strong stems, well above the dark green, slightly crumpled foliage.	10
White Pearl. White; strongly scented. One quarter ounce, 50 cents	10

VICK'S SPECIAL COLLECTION. Any three 10-cent packets for 25 cents.

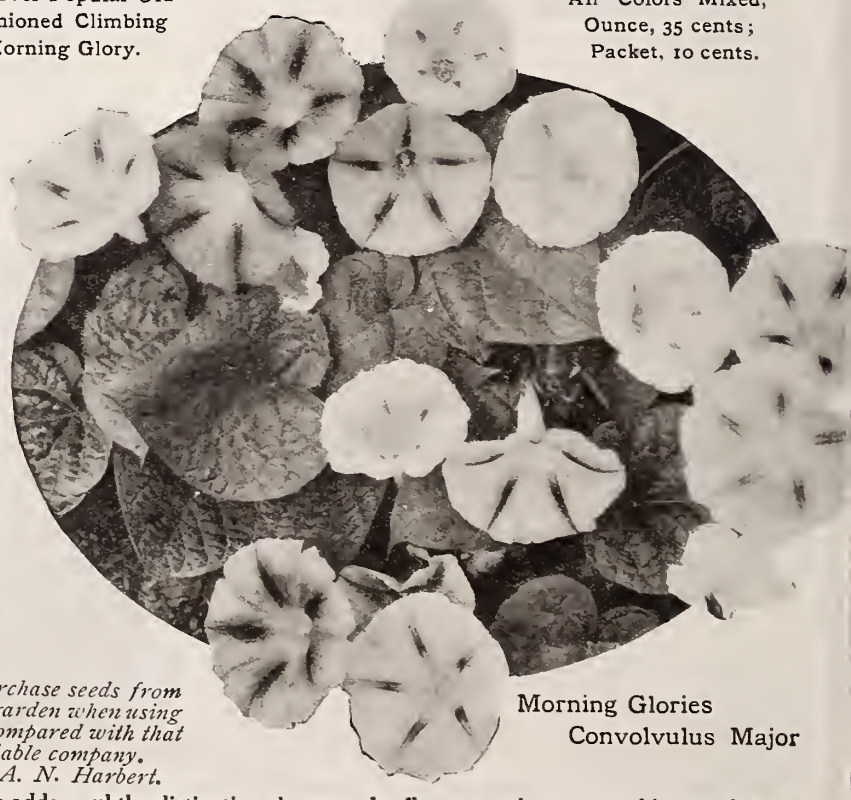
MORNING GLORIES

WHO does not love the Morning Glory? It has long been a favorite for shading porches, covering screens and similar purposes. It is one of the most free-flowering and rapidly growing plants in cultivation. The foliage is a dark green, and the freshness and delicacy of the flowers fully make up for their fugitive character. The prevailing colors are shades of blue, but there are other colors, ranging from white to dark red, and some of the flowers are striped. The seeds germinate so readily that they can be grown in the garden wherever the plants are needed, and almost at any time.

Convolvulus Major

The Ever Popular Old-Fashioned Climbing Morning Glory.

All Colors Mixed, Ounce, 35 cents; Packet, 10 cents.



Morning Glories Convolvulus Major

Rochester Morning Glory

A distinct species with extra large beautiful flowers and strong growing vines. Flowers four to five inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. Very free flowering. **Pkt. 15 cents.**

Imperial Japanese. Our own Special Strain. The exquisite beauty of the Japanese Morning Glories, with their innumerable markings and shadings of brilliant colors, commands the admiration of all flower lovers. The flowers are four to six inches across and the vines are strong and robust. The leaves are prettily lobed and some of them are beautifully mottled with creamy buff. **Oz., 50 cents; Pkt. 10 cents.**

Brazilian. Ipomœa setosa. Very leafy, strong growing species, with rose colored flowers three to four inches in diamater, and leaves eight to ten inches across. Large seed pods and hairy stems. Unusually ornamental and interesting. **Pkt. 10 cents.**

Dwarf Morning Glories. Flowers Remain Open All Day. The handsome azure blue flowers have a bright yellow throat distinctly bordered with white. Easily grown, and the neat foliage and brilliantly colored flowers make it one of the best trailing plants in cultivation. **Pkt. 10 cents.**

VICK'S SPECIAL "GLORY" COLLECTION
Any three 10-cent packets of your selection 25 cents.

I will explain why we continue to purchase seeds from you. We have never failed to have a good garden when using Vick's seeds, and the protection may be compared with that of an insurance policy issued by some reliable company.
Shellsburg, Iowa. *A. N. Harbert.*

The delicious fragrance of the Mignonette adds a subtle, distinctive charm to the flower garden procured in no other way

NASTURTIUM

Everyone knows and admires the Nasturtium. Its varied and brilliant colors, its refreshing fragrance, making it so desirable for table decorations, its habit of continuous blooming, and the ease with which it is grown, all combine to place the Nasturtium in the list of flowers that are really indespensable.

Few people realize how much more effective the use of named varieties is than the mixtures. Where space permits, by all means select certain named sorts for particular locations so as to secure uniform foliage, blossoms and color effect. Of seed as large as Nasturtiums, you need at least an ounce to make the best showing.

CLIMBING NASTURTIUMS

Any of the following Named Varieties, packet, 10 cents; oz., 35 cts.; ¼ lb., 70 cents.

Atropurpureum. Dark crimson.
Atropurpureum fol. aureis. Foliage yellow, flowers crimson.
Chocolate.
Dark Orange. (Sunlight.)
Edward Otto. Bronze, silky.
Jupiter. Large Golden Yellow
King Theodore. The darkest.
Orange. Very handsome.
Pearl. (Moonlight.) Creamy white.
Prince Henry. Light yellow, marbled with scarlet.
Regelianum. Dark, purplish crimson.
Scheuerianum. Straw-color, brown striped.
Scheuerianum coccineum. Straw-colored, scarlet striped.
Scarlet.
Schulzii. Brilliant scarlet.
Schillingi. Bright yellow spotted with brown or maroon.
Vesuvius. Brilliant salmon-rose dark-leaved.
Von Moltke. Blush rose.
Yellow.

Extra Choice Mixed. From named sorts, ¼ pound, 60 cents ounce, 25 cents, packet, 10 cents.

Mixed Varieties. Pound, $1.00; ¼ pound, 40 cents; ounce, 15 cents, packet, 5 cents.

VARIEGATED-LEAVED NASTURTIUMS

A new race of Nasturtiums in which the foliage is beautifully variegated with white, green and golden. The strikingly marked leaves make a charming contrast with the brilliantly colored flowers. Pkt.

Dwarf Variegated-Leaved. Mixed Colors, ounce, 35 cents 10
Climbing Variegated-Leaved Mixed Colors, ounce, 35 cents . . 10

IVY-LEAVED NASTURTIUMS

The beautiful foliage of this distinct, new class of Climbing Nasturtiums closely resembles that of the old English Ivy, the thick angular leaves having a very dark glossy green color. The petals of the flowers, which do not overlap as do those of the other classes, are prettily fringed. The brilliant colors of the flowers make a striking contrast with the dark leaves.

Pkt.

Princess Juliana. Rich golden orange, blotches of velvety red brown. 10
Emma Alida. Golden yellow and orange; blotches of deep scarlet. . . 10
Either of above varieties, per ounce, 30 cents.

HYBRIDS of MADAM GUNTHER

A strain of French origin, most remarkable for the wide range of exquisite colors and beautiful markings. They are strong growers, climbing five to seven feet, with rich dark foliage. Fine for porches, vases or trailing on the ground. Extra choice mixture, Ounce, 30 cents . . . . . Pkt 10

DWARF NASTURTIUMS

Any of the following Named Varieties, packet, 10 cents; oz., 35 cts.; ¼ lb., 70 cents.

Aurora. Salmon-rose, mottled and veined.
Beauty. Orange and vermilion.
Bronze. Beautiful coppery bronze.
Carter's Scarlet.
Chameleon. Mottled crimson, bronze and yellow.
Cloth of Gold. Golden-leaved; flowers intense scarlet.
Cœruleo-roseum. Bluish rose.
Crystal Palace Gem. Sulphur, maroon spots.
Dark Crimson.
Empress of India. Dark leaves, and very dark crimson flowers.
Golden King. Golden yellow flowers. Very fine.
Golden Queen. A beautiful golden-flowered, yellow-leaved variety.
King Theodore. Darkest of all.
King of Tom Thumbs. Leaves bluish green, flowers brilliant scarlet
Lady Bird. Golden yellow, flamed crimson.
Luteum. Yellow.
Pearl. Light cream.
Prince Henry. Light yellow, marbled scarlet.
Regelianum. Crimson, purplish tinge
Rose. Rose, tinted with salmon.
Ruby King. Foliage dark, flowers deep rose.
Scheuerianum coccineum. Scarlet striped.
Spotted. Yellow, crimson spots.
Spotted King. Rich orange, maroon spots.

Extra Choice Mixed. From named sorts, ¼ pound, 60 cents; ounce, 25 cents, packet, 10 cents.

Mixed Varieties. Pound, $1.00; ¼ pound, 40 cents; ounce, 15 cents; packet, 5 cents

CANARY BIRD FLOWER

Tropæolum peregrinum. The Canary Bird Flower is one of the finest of the climbing Nasturiums. The leaves are prettily lobed and the curious, clear yellow flowers bear a fancied resemblance to a canary, with expanded wings. Ounce, 30 cents . . . . . Pkt 10

NEMOPHILA

Baby-Eyes. Love-in-the-Grove. A charming little annual plant, thriving especially well in moist, shady places, but quite at home in the open garden. The pretty, bell shaped flowers, in shades of blue, and variously marked, are freely produced all summer. Plants eight inches in height; of neat, bushy habit. Mixed Varieties, ¼ ounce, 15 cents. . . . . Pkt 10

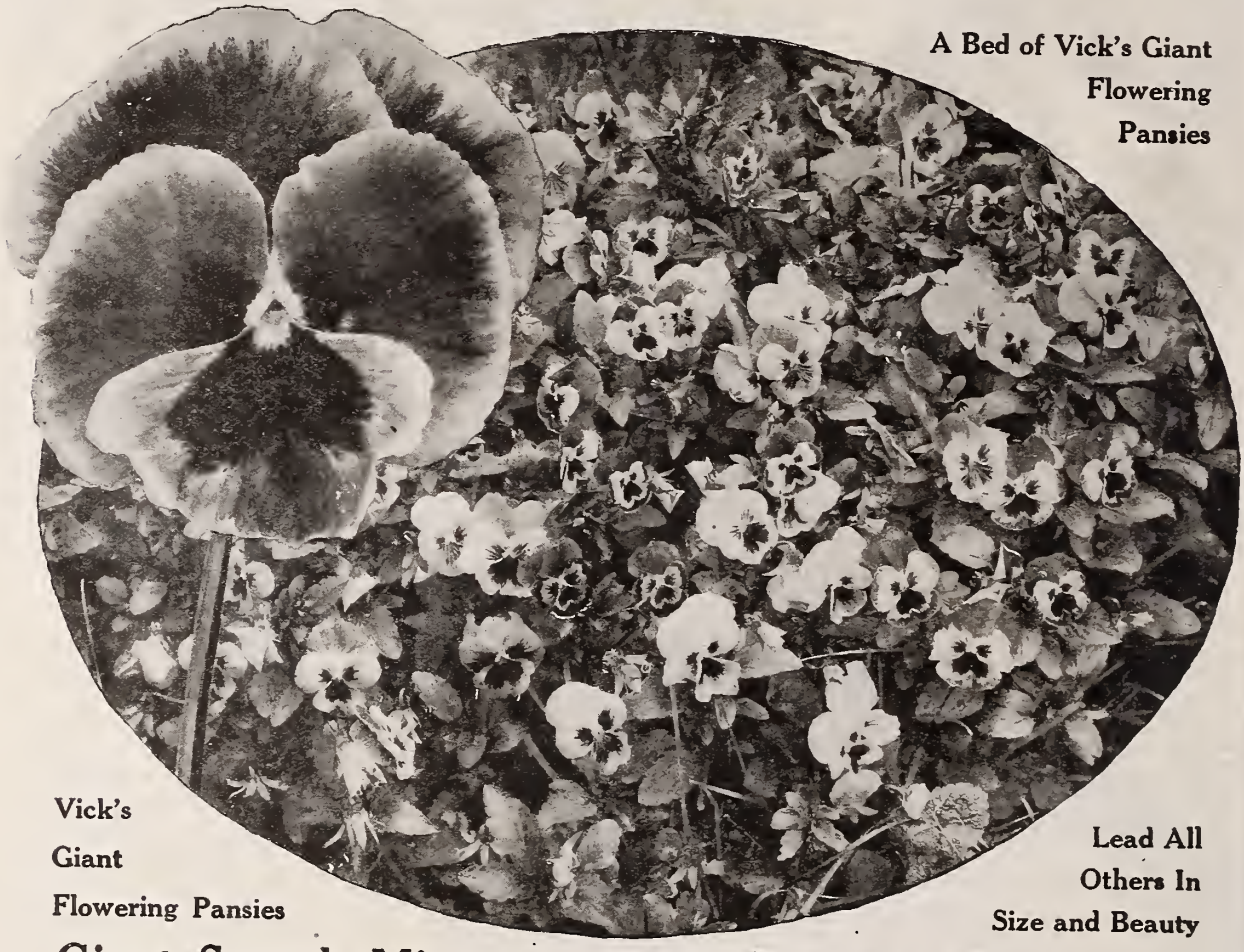
NIGELLA

Love-in-a-Mist, Devil-in-a-Bush and **Fennel Flower** are names given to this pretty, interesting and easily grown annual. This beautiful, unique and little known plant makes a showy and attractive border or mixes well with other Blue or Pink flowers for bedding. The delicate Blue-White flowers surrounded by a feathery mass of foliage suggests "Love-in-a-Mist," and the red crown-shaped horn tipped seed pods suggest "Devil-in-a-Bush." Fine for cutting. Twelve to fifteen inches. Mixed Colors. . . . . Pkt 10

We wish more of our friends were acquainted with Nigella, a wonderfully interesting quaint flower useful for bedding

VICK'S GIANT FLOWERING PANSIES

THE PANSY gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in the open ground in May or June will give fine blooms in late summer and autumn, and a good crop of flowers the following season if the plants are pinched back in early spring Seed sown in mid-summer, where it can be shaded and watered, will produce plants large enough to winter nicely and come into full bloom in early spring. Young plants give the largest flowers. Old, worn out plants should be replaced by young, vigorous ones.



A Bed of Vick's Giant Flowering Pansies

Vick's Giant Flowering Pansies Lead All Others In Size and Beauty

Giant Superb Mixture

Absolutely unapproachable in Quality

We offer this mixture of Giant Flowering Pansies to our customers with pride. It is composed of most carefully selected varieties of the choicest Pansies of our own wonderful strain and the finest of the new kinds introduced by the leading European and American Pansy specialists. The flowers are uniformly of the largest size, colors striking in their brilliancy, and yet retaining all the delicate shades, hues and pencilings that have made the Pansy one of our most favored flowers. Our aim is to keep Vick's Superb Mixture at the very top of all mixtures and to make it absolutely unapproachable in quality.

1-32 oz., 75 cents; 1-8 oz., $2.50; packet, 50 cents.

Giant Trimardeau Mixture

A wonderful mixture of extra large flowering pansies conspicuous for different shades of yellow and bronze.

One-eighth ounce, $1.00; packet, 30 cents.

Peerless Mixture

Will please the most critical Grower of Pansies

Comprises the choicest of the standard large-flowering sorts, including many of the rare and expensive varieties, such as Bugnot, Odier, Cassier and Trimardeau types. Especially selected for size, perfect form, freedom and durability of bloom and gorgeous colorings.

One-eighth ounce, 90 cents; packet, 25 cents.

Masterpiece Mixture

A special mixture of the Giant Frilled Pansies

A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson.

One-eighth ounce, $1.00; packet, 30 cents.

Bugnots Mixture

Another splendid mixture of superb blotched varieties in a fine assortment of colors. **One-eighth ounce, $1.00; packet, 30 cents.**

We maintain a very wide reputation for growing and selling a superior strain of Giant Flowering Pansy seed

HARDY PANSY VIOLET

GIANT FLOWERING VARIETIES

This vigorous and compact growing class of Pansies leads all others in size, color and beauty of flower. The flowers are of enormous dimensions, some specimens grown on our grounds measuring three inches in diameter; they are thrown well above the foliage and are beautifully marked with brilliant colors.

	Pkt.
Adonis. Beautiful light blue.	10
Bridesmaid. Rosy white ground, beautifully blotched	15
Fire King. Golden yellow, upper petals purple. Showy.	15
Golden Queen. Large. Best of the pure yellows.	10
King of the Blacks. Almost jet black. Extra fine large-flowering	10
Lord Beaconsfield. Top pale lavender; shading to purple violet on lower petals. Very large and exquisitely marked	10
Madam Perret. Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin	15
Marshall Foch (Formerly Prince Henry.) An extra fine variety. The largest dark purple. A flower of unusual beauty	15
Premier Lloyd-George (Formerly Prince Bismarck.) Beautiful shades of golden bronze. The largest and finest of the bronze Pansies.	10
President Wilson (Formerly Emperor William.) Ultramarine-blue, with violet purple eyes. Very pleasing shades	10
Ruby King. Superb red shades. One of the best for bedding	10
Snowflake. Extra fine pure white.	10
White. With purple eye	10
Yellow, with Black Eye Extra large. A splendid bedding variety. Produces larger flowers than the clear yellow varieties.	10

Any of the above-named Varieties, 1-16 ounce, 40 cents.

Giant-Flowering Mixed. 1-8 oz., 60 cents	10
Standard Varieties Mixed, ⅛ oz., 25 cts	5

ORCHID FLOWERED VARIETIES

In the new Orchid-Flowered Pansies we have some rare and exquisitely dainty shades. The description of the four varieties below merely gives the prevailing colors. The new and unusual combinations of color tones suggest the delicate tropical colors of the aristocratic Orchid, which may truly be said to "beggar description." The flowers are gigantic in size, of perfect shape and borne on long stems. The petals are beautifully ruffled and their velvety texture intensifies the rich effect of the dainty shades of color.

Almond-flower. Delicate soft pink. A pleasing color in Pansies.
Daybreak. Vermillion and gold chamois, red shaded. A new color in red and gold.
Mammoth. Dark yellow shades, with large red eye. A beautiful variety.
Sunlight. Brilliant yellow, with large red-brown spots. It's a beauty.

Each, 20 cents per packet.
Mixed Colors. 1-16 ounce, 50 cents; packet 15 cents.

MASTODON MIXTURE

A new extra choice strain of American grown pansies of enormous size. Positively the largest pansies we have ever seen. A wide range of colors in wonderful combinations.

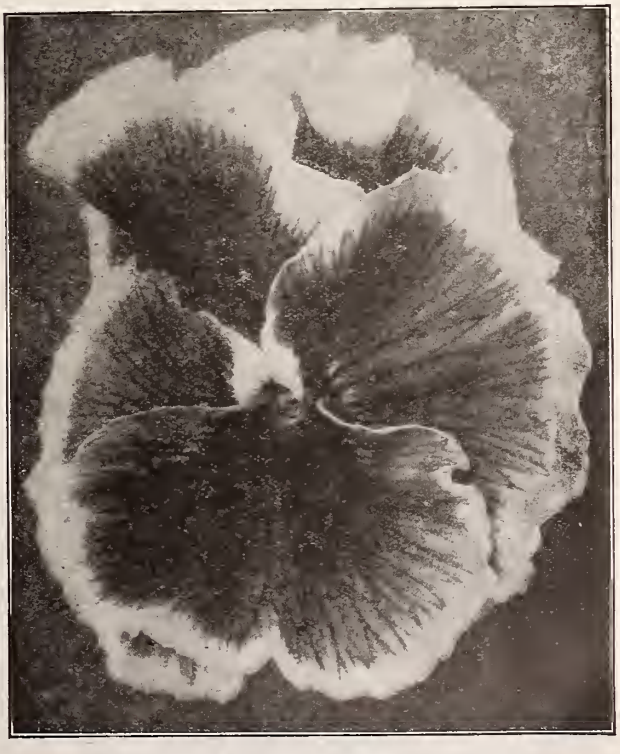
One-eighth ounce, $2.25; packet, 40 cents.

PANSY VIOLET, Tufted Pansy

EVERLASTING PANSY

See illustration at top of page.

The Pansy Violet, or Tufted Pansy, is a charming flower for the hardy border, combining the beauty, fragrance and free blooming habit of the Pansy with the hardy perennial character of the Viola cornuta, or "Horned Violet" of Europe. The plants do not "run out" like those of the ordinary Pansy, and may be left year after year in the same bed. The flowers, which are really medium sized Pansies, are produced in the greatest profusion the whole season, the plants enduring the heat of mid-summer much better than those of the true Pansy. ⅛ oz., 35 cts Pkt. 10



GIANT-FLOWERING PANSY

Full directions for the planting and care of the different vegetables and flowers are given on each seed packet

VICK'S RUFFLED PETUNIAS

Vick's Petunias

NO bedding plants make a more pleasing display than Petunias. The distinct colors and marking make a brilliant show. The plants make a strong growth and bloom profusely until after hard frosts.

Petunia seed will germinate with little difficulty if a reasonable amount of care is used in sowing. First, be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small, smooth board and cover very lightly with sand or fine soil. Seed sown in a hotbed or the house early in the spring will produce flowering pants in June.

Set the plants about eighteen inches apart. Seeds of Double Petunias do not possess as much vitality as those of the Single, neither will all come double.

Vick's Ruffed Petunias

The most expensive crop we grow. One entire Greenbouse used, in which each plant selected for superior qualities is potted separately and given individual care. The pollen is spread from flower to flower with tbe aid of a delicate brush by our greenhouse superintendent. We take all this care to breed up this marvelously beautiful strain which is acknowledged as tbe most superb ever introduced. We bave had numerous flowers five inches in diameter witb the edges so fringed and ruffled that experts in flowers and rosettes estimate tbe entire circumference more than three feet. With their edges as dainty as the most exquisite lace, the flowers show a marvelously beautiful combination of colors, some being almost pure white, veined or threaded in the bell with the most delicate tints, Others are light pink or lavender or yellow or bronze or purple or almost black. Some are striped and blotched and veined in deep rich, gorgeous hues—indescribable, but once seen tbey live in memory forever. Vick's Ruffled Petunias are a masterpiece of nature's art. After studying for weeks the brilliant coloring and delicate threads or veins in every conceivable hue, an artist whose color sketches of flowers are greatly admired, says: "No human being can ever depict accurately in colors the exquisite beauty and intricate detail of your Ruffled Petunia. Its gorgeousness baffles description."

Vick's Ruffled Petunias, mixed colors, packet, 35 cents.

Giants of California. This strain, originating in California, is of incomparable size, luxuriance, and beauty. Nearly all tbe flowers are ruffled or fringed, and measure from four to five inches across. Tbe great variety of colors, blotchings, stripings and veinings make fantastic and beautiful combinations—some with deep tbroats of yellow, white, black, green, or maroon, running off into intricate veins. Some of the colors run to delicate shades, while others are deep, rich, gorgeous. Pkt
Mixed colors 25

Large Flowering Single, Fringed. Magnificent large flowers of various colors The large throats richly veined. Mixed colors 20

Double Large Flowered. Mixed colors 25

Double Large Flowered, Fringed. Extra choice varieties mixed . . 50

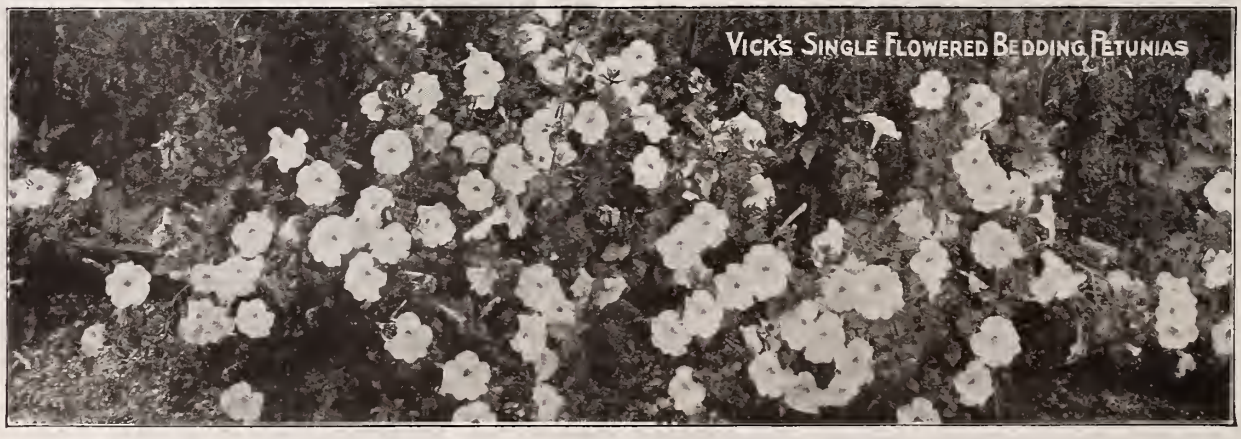
Single-Fowered Bedding Petunias

Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost.

Blotched and Striped, very symmetrically marked . . . . . Pkt 10
Countess of Ellsmere. Dark rose, witb fine white throat 15
General Dodds. Beautiful dark red. 10
Gloria, A new bedding Petunia of merit. Carmine-rose 15
Rosy Morn. Dainty soft carmine-pink; white tbroat; fine for border . 10
Snowball. Satiny-white flowers; blooms throughout the season 10
Single Flowered Bedding. Extra Choice Mixed. Superb strain. . 10

Frisco Ave., Alma, Mich.
Long live Vick's—also their satisfied customers.
Mrs. May C. Rider.

I want to say a few words about the seeds I ordered from you in March. We had such splendid results from the planting of your seeds that we cannot say enough to our friends about them.
Buffalo, N. Y., Aug. 16, 1920. *Mrs. H. L. Peck*



For sweet simplicity, Single-Flowered Bedding Petunias—for gorgeous beauty and exquisite detail, Vick's Ruffled Petunias

VICK'S ANNUAL PHLOX

PHLOX DRUMMONDII or Pride of Texas, of which state it is a native, is one of the most brilliant of the annual flowers. Its ease of cultivation, and its willingness to grow under almost all soil and climatic conditions, are rapidly increasing its popularity. We grow more Phlox Drummondii than any other concern in the world, having a crop this year of twenty-five acres in separate colors and mixture. No other fields on our farms attract more attention or elicit greater admiration. The strain we have developed is much more robust than the type formerly cultivated. The plants grow very rapidly, so that, if set one foot apart in rows three feet apart, they will completely cover the ground. Plants begin to bloom just as soon as they are a few weeks old and increase their yield of flowers as they develop in size, until, in August and September, the whole field becomes a solid mass of of brilliant colors. Our mixture this year is the most superb and dazzling ever offered. It contains more than twenty distinct varieties, including a sprinkling of such famous varieties as Dark Warrior, Buckskin and Isabellina. Phlox Drummondii, easily grown and always in bloom, is unexcelled for filling in otherwise vacant places in the garden, the shrubbery or the hardy border. The seed may be sown where the plants are to grow as early in the spring as the ground can be worked; or the young plants may be started in the house and transplanted later.

Phlox Drummondii Grandiflora

The flowers of this class have round petals and larger flowers than the old sorts. The following varieties are considered by experts to be the choicest of the named sorts:

White, soft pure white.
Chamois Rose. Salmon pink.
Brilliant. Deep pink, shading lighter at the edge of the petals.
Splendens. A soft shade of scarlet, between scarlet and carmine
Black Warrior. Rich, deep red, almost purple.
Crimson with white eye.
Dark Purple with white eye.
Rosea. Light rose.
Rose, with white center.
Scarlet, white striped.
Dark red, large white center.
Isabellina. Pale primrose yellow.

Price: Any of the above varieties, per packet, 15 cents.

Choice Mixture Grandiflora Phlox. ¼ oz.. 50 cents. . . . . **Pkt.** 10

Vick's Dwarf Phlox

Dwarf annual Phlox is very desirable for edgings and ribbon beds and useful for pot culture. Plants grow six to eight inches in height, forming dense masses of bloom all summer. Of the many varieties the following are the best:

Fireball. Bright scarlet . **Pkt.** 15
Snowball. Pure white 15
Dwarf Yellow 15
Vermillion. White center. **Pkt.** 15
Shell Pink 15
Best Varieties Mixed 10

Vick's Star Phlox

A decidedly unique variety. While the petals of all other Phloxes are entire, in this variety they are partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, and project like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edges of the petals. There are many distinct color **Best Varieties Mixed. . Pkt** 10

PERILLA

Nankinensis. An elegant dark leaved bedding plant, easily grown from seed and not as sensitive to cold as the Coleus. The foliage is a very dark, rich, bronzy purple. Plants grow about eighteen inches in height. . **Pkt** 10

SENSITIVE PLANT

Mimosa pudica. The Sensitive Plant affords a good deal of amusement, on account of its sensitive leaves, which close up when touched. Sow outside after settled warm weather, or sow inside and transplant.. . . . . **Pkt** 10

RICINUS. Castor Oil Plant

A Showy Ornamental Foliage Plant for Bedding

In the center of a bed it gives a magnificent semi-tropical appearance; or planted thick, it makes a fine screen or hedge. Plant seeds in open, very rich deep-spaded ground, in a dry situation, as soon as safe in spring. **Pkt.**

Borboniensis. Very beautiful large green leaves. One of the tallest. **Ounce, 40 cents** 10

Cambodgensis. The finest dark-foliaged Ricinus. Leaves maroon; stem nearly black; fruit bronzy purple. Five feet. **Ounce, 50 cents** . 10

Zanzibarensis. The gigantic leaves, two to two and one-half feet across, and the great size of the plant, surpass any other known Ricinus. The luxuriant tropical effect when planted singly or in masses is matchless. **Ounce, 40 cents** 10

Vick's Fine Mixture of best varieties. Ounce, 40 cents 10

SCHIZANTHUS (Poor Mans Orchid)

The Schizanthus is a beautiful half hardy annual, of very graceful habit. The flowers are butterfly-shaped, of rich and varied colors, and completely cover the plant. About two feet high. **Best Varieties Mixed** 10

Schizanthus Wisetonensis. As a pot plant this bas hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks 25

PRIMULA or PRIMROSE (See also pp. 83, 88 and 104)

Primroses are considered among the best and most showy of plants for winter blooming in the house. Seed sown in March, April or May will make fine specimen plants, beginning to bloom in the fall and continuing throughout the winter. **Pkt.**

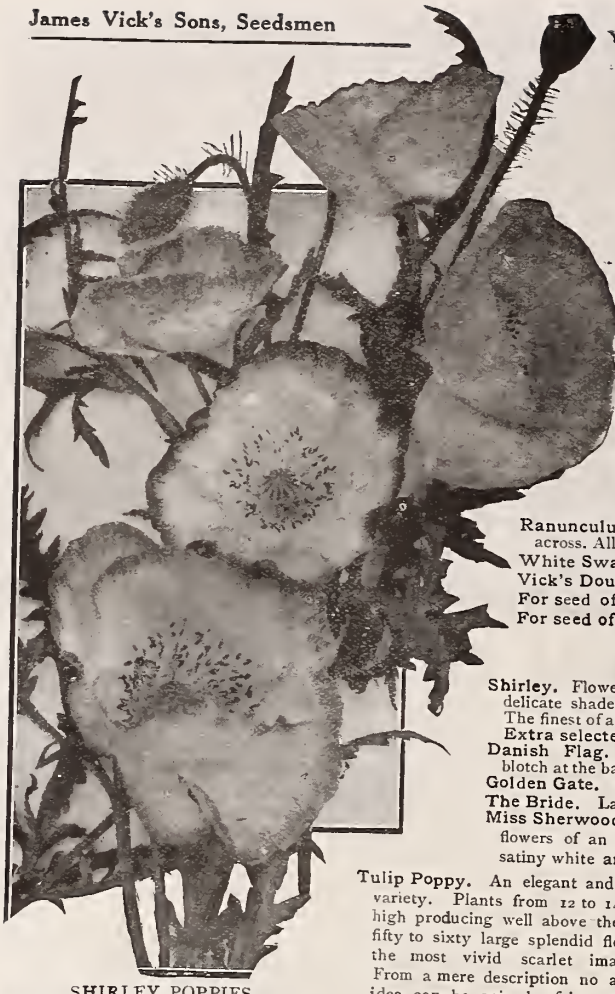
Primula Forbesii. Baby Primrose. Fine for the house, needing little care 25

Primula Malacoides. Plant and flowers similar to Primula Forbesii, but larger. Flowers delicate lilac. 25

Primula obconica grandiflora. Splendid house plant. Blooms profusely. **Mixed Varieties** 20

Primula Sinensis. Chinese Primrose. Tender. Everblooming. Choicest fringed varieties. **Mixed** 25

In planning for perennial flowers keep in mind the beauty and attractiveness of Perennial Phlox. For hardy plants, see page 87



SHIRLEY POPPIES
See illustration in natural colors on inside back cover.

VICK'S ANNUAL POPPIES

Poppies have a distinctive charm supplied by no other flower and deserve a place in every annual garden. Their gracefully nodding flowers and brilliant hues make them very attractive in almost any setting.

Vick's Double Flowering Varieties

Ounce, 50 cents; one-quarter ounce, 20 cents, except where noted

Vick's Brilliant. Tall double Poppies. A superior selection made up of the best colors and varieties. Selected with great care to produce the most brilliant effect. Grown on our own farm. Of strong, robust growth, two to three feet high. **A fine mixture of colors** . . . . . Pkt 10

Mikado. Large double flowers, resembling Japanese Chrysanthemums; petals cut and fringed in the most fantastic manner; color pure white, edged with shades of crimson. . . . . Pkt 10

Peony-flowered. A splendid class of large double flowers, with broad petals, resembling a Peony. The colors range from white to pink, carmine, scarlet, crimson, and maroon. **A fine mixture of colors.** . . . . . Pkt 10

Carnation-flowered, or Double Fringed. Splendid large double flowers, **A fine mixture of colors** . . . . . Pkt 10

American Flag. Flowers snow white, bordered with scarlet. Large, double Peony-flowered. . . . . Pkt 10

Cardinal Poppy. (New hybrids). About eighteen inches high; habit erect and compact. Foliage dark green, deeply laciniated. The double flowers, which are beautifully fringed, come in about the same range of colors as the Shirley. **A fine mixture of colors.** . . . . . Pkt 10

Ranunculus-flowered. Plants two feet high; free bloomers. Flowers double, two inches across. All shades of color, from white to deep crimson. **A fine mixture of colors.** Pkt 10

White Swan. Large double flowers, elegantly fringed, pure white. . . . . Pkt 10

Vick's Double Mixed, made up of the above varieties ¼ ounce, 20 cents . . Pkt 10

For seed of California Poppies, see page 62.

For seed of Perennial Poppies, see page 83; for plants see page 87.

Vick's Single Flowering Varieties

Shirley. Flowers exceedingly graceful and attractive; single. Colors mainly blush white, and delicate shades of pink, but containing shades of rose, carmine, scarlet and crimson. The finest of all annual single Poppies. One and one-half to two feet high.

Extra selected strain. ¼ ounce, 35 cents; ounce, $1.00 . . . . . Pkt 15

Danish Flag. The large, single flowers are brilliant scarlet, with a large, silvery white blotch at the base of each petal, forming a white cross on scarlet ground. Very striking. . 10

Golden Gate. Single and semi-double flowers in a splendid variety of colors . . . . . Pkt 10

The Bride. Large pure white . Pkt 10

Miss Sherwood. Very large single flowers of an exquisite shade of satiny white and rose . . . . Pkt 10

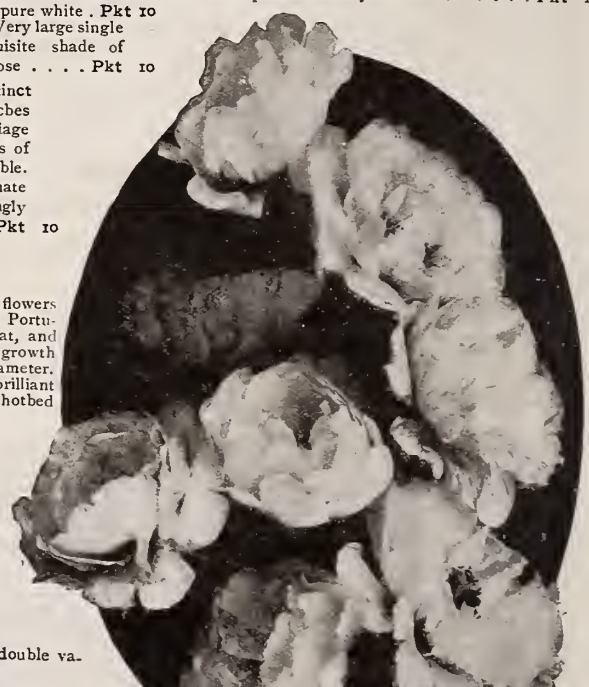
Tulip Poppy. An elegant and distinct variety. Plants from 12 to 14 inches high producing well above the foliage fifty to sixty large splendid flowers of the most vivid scarlet imaginable. From a mere description no adequate idea can be gained of its strikingly beautiful effect. ¼ oz., 30 cts. . . Pkt 10

VICK'S PORTULACA (Sun Plant)

For brilliant coloring, nothing can excel a bed of Portulaca, with its silky flowers glistening in the sunlight. It is very easily grown and no bedding plant equals the Portulaca for places exposed to the hot sun of mid-summer. It delights in intense heat, and dry weather seems to have almost no effect on the plants. The plants are of low growth and spreading in habit, each plant covering a space of about two feet in diameter. The flowers of the double varieties are like small roses and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower.

Single varieties, fine mixed. ¼ oz., 25 cents; oz., 75 cents . . . . Pkt 10

Double Rose-Flowered. As double as the Rose and of many brilliant colors. **Finest quality, mixed colors.** . . . . . Pkt 15



VICK'S DOUBLE PORTULACA

PYRETHRUM (See also pages 82 and 87)

Matricaria Capensis (Feverfew). Small double white flowers well adapted for bedding. Half hardy annual . . . . . Pkt 10

HELIANTHUS or SUNFLOWER

Tall plants, from four to seven feet in height, with bright yellow flowers. The double varieties produce a very good effect among shrubbery. Often used as screens.

Red Sunflower. Blooms the first year from seed. Flowers chestnut red, many of them variously marked with gold. A splendid addition to the annuals. . . . . Pkt 5

Chrysanthemum Flowered. Best of the Sunflowers, about seven feet high. The large double flowers are like yellow Chrysanthemums. Oz., 70 cts . . . . . Pkt 10

Dwarf Golden. Variegated foliage, five to six feet high . . . . . Pkt 10

Extra Double Dwarf. About four feet high. Each branch, from the ground to the top of main stem, bears a golden flower. . . . . Pkt 10

Mammoth Russian. For prices see page 47 (Farm Seeds) For plants of hardy Helianthus, see page 86.

Our fields of Salpiglossis with their marvelous rich coloring make a wonderful display all summer. See description p. 73

SALPIGLOSSIS OR VELVET TRUMPET
BEAUTIFUL BEYOND DESCRIPTION. BY ALL MEANS PLANT AT LEAST A FEW FEET OF YOUR GARDEN TO THIS MOST BEAUTIFUL FLOWER.

SALPIGLOSSIS or VELVET TRUMPET

One of the most charming annual flowers whose rapidly growing popularity compels us to grow larger fields each year. When in bloom they present a marvelously rare and charming combination of grace and beauty; the field of mixed varieties was one glorious mass of softly blended colors. No other flowers on our farms receive greater praise than this queen of all trumpet-shaped flowers.

Our illustration shows the form and veinings of this beautiful flower, but only nature can paint its colors. Its velvety texture and brilliancy of coloring defy description. It is fine for cutting, lasting well in water. The plants bloom continuously from midsummer until late fall. Sow the seeds on top of well-pulverized soil, cover *very* lightly with fine sand and press down firmly with a board. Protect from sun with paper or cloth until seed germinates.

We are now growing only the **New Emperor** variety, which shows a very marked and striking distinctiveness in habit of growth as well as in flowers from the old-fashioned grandiflora type. It grows about three feet high in a graceful bushy form with numerous branches thickly covered with flowers considerably larger than those of the old type, and presents a wide range of rich velvety colors.

Yellow, pink, crimson, scarlet, yellow with white edge, light blue with gold, black purple, velvety violet, and dark scarlet.

Each, Packet, 15 cents.
Mixed Colors, Packet, 10 cents.

SALVIA or FLOWERING SAGE

The Scarlet Salvias are among the most brilliant red flowering bedding plants in cultivation. They bloom from the middle of July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May, or when the weather is suitable. Set plants one foot apart. For plants see page 89 and 104

Clara Bedman. "Bonfire". A very compact, oval-growing variety, bearing an immense quantity of brilliant scarlet flowers on stiff, erect stems that stand out of and above the foliage. One of the most popular and best Salvias. . . . . Pkt 15

Zurich. A dwarf scarlet, growing from 12 to 15 inches high. Begins blooming in June continuing through the season. . . . . Pkt 15

Splendens. Bears during summer and fall brilliant fiery scarlet flowers in great profusion. This is the old favorite bedding variety used so extensively. Plants three feet high. . . . . Pkt 10

Patens. Blue Sage. Flowers of a delightful blue. Fine for borders. Pkt 10

Ostrich Plume. The flower resembles a large ostrich plume, color a brilliant scarlet. The plants are covered with these beautiful, plume-like flowers. A single flower spike is a bouquet in itself. . . . . Pkt 15

AMERICA (Globe of Fire)

A SPLENDID NEW SALVIA

The earliest, most compact and uniform Salvia ever introduced. A profuse bloomer of brilliant scarlet color. Its erect, uniform habit of growth makes it of unusual value for border or base planting in front of porches or for bedding . . . . . **Pkt. 25**

HARDY SALVIAS

Hardy Blue Salvia. Salvia pratensis. Flowers of beautiful deep clear blue, borne on spikes two to three feet high. Blooms from June to September. In Northern States during winter, plants should be covered with leaves or other litter for protection. Pkt 10

Argentea. Very attractive silvery white foliage. Pyramids of white flowers, three feet high . . . . . Pkt 10

For plants of hardy salvias see page 89.
For plants of annual varieties see page 104.

Shellsburg, Iowa.

You have my permission to use any part of a former letter in your catalog that you wish to. The statement was not intended for flattery, it is the plain truth. We have our first failure from the use of Vick's seeds yet to experience, and keep right on using them.

I hope to have the pleasure of visiting the "Flower City" and your farms at some future time. *ALBERT N. HARBERT.*

Newcastle, Pa., June 20, 1929.

My seeds from James Vick's this year are satisfactory. 1920 like 1861, the best for me. *L. K. HEWITT.*

Plant Salpiglossis in your garden this year. Their marvelous beauty and brilliant coloring will amply repay you

Vick's Ruffled Giant Spencer Sweet Peas

A List of the Very Finest New Orchid Flowering Kinds

SWEET PEAS well deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden, and bear all summer an abundance of beautiful, fragrant flowers of a great many wonderful shades and tints. The magnificent new **Spencer Sweet Peas** are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from two to two and one-half inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer **Spencers** the fluting is very pronounced. Practically the whole range of grandiflora varieties has now been duplicated in the **Spencer** type; but after careful trials we have selected the following list as embracing the **Choicest of The Spencer Sweet Peas.**

Planting directions on page 76.

Agricola. White flushed with heliotrope.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

America Spencer. Ivory white, striped with brilliant crimson.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Asta Ohn. Charming soft lavender tinted with mauve pink.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Captain of the Blues Spencer. Large, clear purplish blue; with distinct lilac margin. A deep rich color. Full Spencer size.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Clara Curtis. Cream color. A superior strain of Primrose Spencer. Flowers beautifully waved, of good substance, and usually four on a stem. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Countess Spencer. Clear, soft, rich pink, a little deeper at the edges. Vines strong and free flowering. As a cut flower it is unsurpassed for massing.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Dainty Spencer. An extremely delicate shade of light pink, deepening slightly at the edges of the petals.
Packet, 10 cents; ¼ oz., 30 cents; oz., 45 cents.

Dobbie's Cream. Flowers a deep cream or primrose, distinctly waved or crimped. One of the best of the primrose class.
Packet, 15 cents; ½ oz., 35 cents; oz., 60 cents.

Elfrida Pearson. Huge flowers of a dainty blush pink, an extremely delicate shade. The buds and the opening flowers show a slight salmon tint. One of the most vigorous and free blooming varieties. The immense flowers are almost invariably borne four on a stem, and many of them have double standards. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Evelyn Hemus. The beautiful flowers of buff and primrose are margined with clear rose. A charming color combination.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Florence Morse Spencer. Splendid light pink, a clear, beautiful shade. Immense flowers, with many double standards. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

George Herbert. Large flowers of rose-crimson. A rich color. The wings veined with deeper color.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Hercules. Plants are very strong and vigorous. The flowers borne on stiff stems twelve to fourteen inches long are of beautiful soft rose pink, large and finely ruffled. One of the very best pinks.
Packet, 15 cents; ¼ oz., 35 cents; oz., 60 cents.

Mrs. Hugh Dickson. Soft apricot pink on a buff ground. The magnificent large flowers come quite uniformly four on a stem and are produced in the greatest profusion, An extremely valuable variety.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Rosabelle. This is undoubtedly the largest and most beautiful of the deep colored, and should be included in all collections. It is a vigorous grower and most profuse bloomer, the immense flowers being usually borne four on a stem. The attractive rose-crimson color is heightened by a distinct white blotch at the base of the standard and wings. The flowers are very much waved or crimped, and while of such large size, the form is perfect.
Packet, 15 cents; ½ oz.; 35 cents; oz., 60 cents.

(Continued on page 75)

SPENCER
SWEET PEAS
ELFRIDA PEARSON

Extra large flowers of a dainty light pink color; four flowers on a stem.

Illuminator. Brilliant glowing orange-scarlet which glistens under bright sunlight. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

King Edward VII Spencer. A splendid variety. The flowers are full Spencer size, and the bold coloring of rich crimson-scarlet makes them appear truly gigantic. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Margaret Atlee. The lovely flowers, uniformly of the most advanced Spencer type are a rich glowing pink on cream ground, softly suffused with salmon in the standard, while the wings are a pleasing shade of pinkish rose and salmon. There is a distinct blotch of buff-primrose at the base of both standard and wings which is particularly effective, giving a light, bright appearance to the entire flower. The flowers are of extraordinary size, often measuring two and one-half inches across the standard, exquisitely waved
Packet, 15 cents; ½ oz., 35 cents; oz., 60 cents.

Margaret Madison. Clear, light azure blue. A refined color, free from mauve or pink shades. Both standard and wings beautifully ruffled. A gem that is bound to become immensely popular.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

New Miriam Beaver. Soft shell-pink and salmon. A delicate charming color. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Mrs. Cuthbertson. Standard clear rose pink, wings white, faintly flushed with pink. The best of the bright pink and white Spencers.
Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Nubian. Beautiful, rich, deep chocolate, or maroon. Vigorous vines and flowers of great size. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Montpelier, Vt.

The collection of Sweet Peas you sent me last year were truly magnificent. I supplied one of my neighbors with a huge bouquet for her daughter's grave every week, and she told me that in passing, people would exclaim: "Look at those sweet peas"! Everybody that saw them said they were the loveliest things they ever saw.

MRS. V. W. JEWETT.

No other class of flowers has shown more wonderful development in the past few years than Ruffled Spencer Sweet Peas

Vick's Ruffled Giant
SPENCER SWEET PEAS
(Continued)

Royal Purple. The color is as the name describes it—*a Rich Royal Purple.* The vines are exceptionally vigorous and long, stout stems carrying four large blossoms is the rule. The flower retains its deep rich color until it withers with age. One of the most satisfactory varieties.
Packet 15 cents; ½ oz., 40 cents; oz., 70 cents.

Thos. Stevenson. Brilliant orange-scarlet. Best of all the shades of orange in the Spencer type.
Packet, 10 cents; ¼ oz., 30 cents; oz., 45 cents.

Vermillion Brilliant. A brilliant scarlet Spencer of splendid form. The standard is very bold and beautifully waved. On account of its brightness this is a very telling color and should be in every collection. **Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.**

Wedgewood. A lovely light blue, in fact the best of the blue Spencers. The flowers, of good size and substance, are well waved in both standard and wings; they are borne almost uniformly in four-flowered sprays upon long, stout stems. Wedgewood is a color long sought for in Sweet Peas and has been eagerly welcomed by lovers of this beautiful annual. It was awarded a Certificate of Merit by the Pennsylvania Horticultural Society at the Philadelphia Sweet Pea Show, 1913. **Packet, 15 cents; ½ oz., 35 cents; oz., 60 cts.**

White Spencer. Pure white. Fine Spencer form, full size. Beautifully waved. **Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.**

Yarrawa. A Sweet Pea novelty of sterling merit, coming from Australia. The flowers are waved, of large size, many of them being double. Color a soft, bright rose pink with a clear creamy base. One of the best for forcing under glass, and when grown out of doors blooms two weeks earlier than the Summer Spencers. **Packet, 15 cts.; ½ oz., 50 cts.; oz., $1.00.**

The President. A wonderfully brilliant, glowing scarlet, waved Sweet Pea of the largest size, carried on strong, stiff stems, usually in fours. It is way ahead of anything of a similar color, and probably will never be surpassed in the orange-scarlet varieties. Awarded Certificate of Merit by Pennsylvania Horticultural Society and by American Sweet Pea Society. **Packet, 15 cents; ½ oz., 40 cents; oz., 70 cents.**

Orchid-like flowers of brilliant colors

FIERY CROSS
(NATURAL SIZE)
Scorching, glistening live fire, intense red.

Vick's Spencer Sweet Pea
COLLECTIONS

'New Spencer" Collection
Six of the Very Finest Spencers for 75 cents.
- Margaret Atlee
- Rosabelle
- Dobbie's Cream
- Royal Purple
- Wedgewood
- Yarrawa

"Selected Spencer" Collection
Six Beautiful Spencer Varieties for 50 cents.
- America Spencer
- Capt. of the Blues Spencer
- Elfrida Pearson
- Margaret Madison
- King Edward VII.
- White Spencer

WEDGEWOOD

Fiery Cross Fiery Cross has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading, and which scintillates and glitters in bright sunlight with a glowing, fire-like sheen which radiates over the flower. Unlike most of the orange scarlet varieties, it does not scorch or burn even during extended periods of intense sunshine; it can, therefore, be grown in all soils without shading. The beautifully waved and fluted flowers are borne freely in threes and fours well placed on long, stout stems. **Packet, 15 cents; ½ oz., 40 cents; oz., 70 cents.**

Vick's Superior Mixture of Spencer Sweet Peas

This mixture is made in our own seedhouse and contains the best Spencer Sweet Peas. We know just what goes into the mixture, and we are sure you will be pleased with the assortment at blooming time.

Packet, 10 cents; ounce, 35 cents; quarter pound, $1.00 cents; half pound, $1.75; pound, $3.00.

Plant Vick's Giant Ruffled Spencers and you will know the supreme joy and satisfaction in growing Sweet Peas

VICK'S GRANDIFLORA SWEET PEAS

The delicate beauty and fragrance of the Sweet Pea, coupled with the vigorous growth and large flowers of the newer sorts, are making this ever popular flower more and more desirable yearly. The varieties have become so numerous that it would be a very easy matter to offer a list containing hundreds of names. In order that we may weed out the many duplicate and mediocre sorts and give our customers the newest and best strains obtainable, we are continually trying out the new varieties on our farms. We can confidently say that our offering of Grandiflora Sweet Peas, as well as our Ruffled Giant Spencer Sweet Peas, contains the choicest of them all.

Any ordinary garden soil is well adapted for growing these beautiful and popular climbing plants, providing its surface is kept fine and mellow from the time it is worked up in the spring. Wood ashes or air-slacked lime are excellent fertilizers for Sweet Peas, and should always be used when a large amount of manure is applied. Sow as early in the spring as the ground can be worked. *Do not wait for fair weather.* Sow the seeds in a trench four inches deep and cover with about an inch of soil. Furnish support early. After the plants are well up, thin them to about six inches apart and gradually fill the trench to the level of the garden. When hoeing draw the soil towards the plants, but do not form a ridge. One quarter pound of seed will sow fifty feet.

Named varieties in separate colors.
Pack t, 7 cents; ounce, 25 cents; ¼ lb., 60 cents; ½ lb., $1.00; lb. $1.75.

America. Crimson scarlet stripes on white ground. Tbe brightest striped variety. Large, open form.
Aurora. Orange rose stripes on white ground. The most attractive striped variety. Large hooded form.
Bolton's Pink. Salmon pink, veined with rose, Large handsome flowers Semi-hooded form.
Dorothy Eckford. White. Very large, semi-hooded form. A grand flower.
Gladys Unwin. Bright, clear pink, a little deeper at the edges. Countess Spencer form, but a little smaller, lighter color and flowers more freely.
Hon. Mrs. E. Kenyon. Light primrose. Very large semi-hooded form.
King Edward VII. The largest and brightest red yet introduced. Crimson scarlet. Open form.
Lady Grisel Hamilton. The largest and ligbtest shade of lavender. Standard light mauve. Hooded form.
Lovely. Light pink, shading deeper toward the center of the flower. Vigorous and free bloomer. Hooded form.
Miss Willm ott. Standard orange pink. Wings rose, tinted with orange. Tbe best orange pink. Tbe large semi-hooded flowers are borne on long stems.
Lord Nelson. The best dark blue. Distinct and a vigorous grower.
Mrs. Geo. Higginson, Jr. The clearest delicate lavender, free from mauve tint. Semi-hooded form.
Nora Unwin. White. A splendid flower. Extra large and open, wavy form.
Othello. Dark maroon self. Large, hooded form.
Prima Donna. The favorite soft, clear, pink self. Good size. Hooded form. Vigorous and free flowering.
Prince of Wales. The largest rose crimson. Vigorous and free flowering.

SWEET PEAS IN COLLECTION

To enable our customers to try a greater number of kinds of the **Grandiflora Varieties** we offer collections of our regular size packets of the Sweet Peas above named as follows:

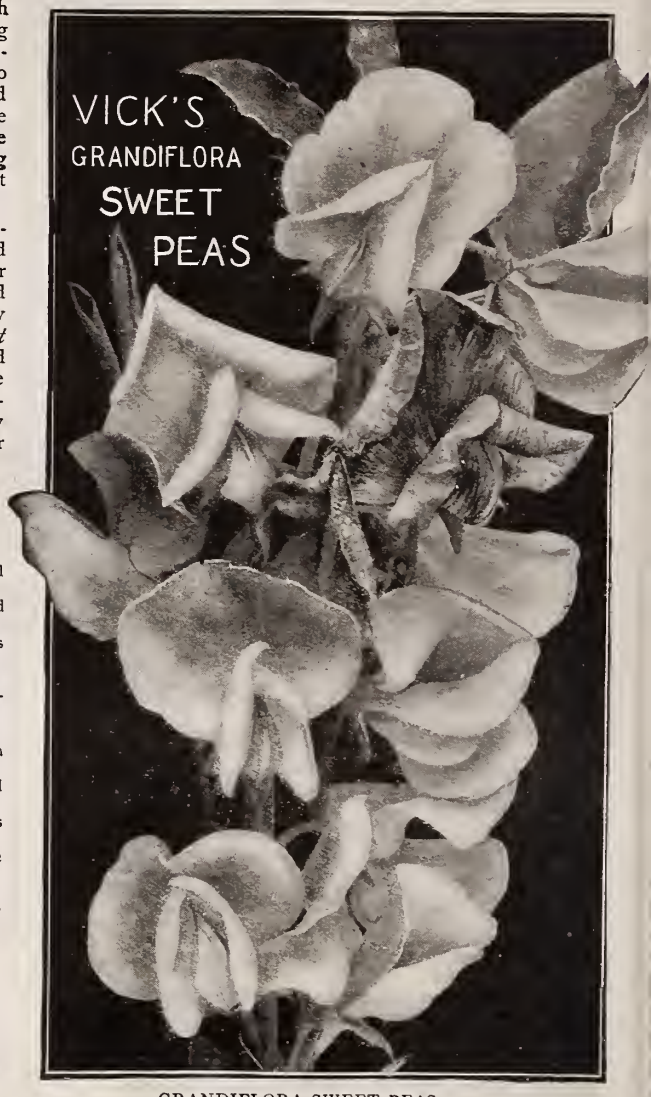
Any 8 packets of the above varieties, 40 cents.
The entire 16 packets of the above varieties, 75 cents.

Vick's Invincible Mixture of Grandiflora Varieties

The mixture of **Grandiflora Varieties** introduced as "**Vick's Invincible**" we know will please the most exacting. For flowers of delicate colors, varying from pearly white to the richest purples, the "**Invincible**" leads, because it is the result of selecting, year after year, seeds from the choicest flowers. The mixture cannot fail to give satisfaction.

Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; ½ lb., 80 cents; pound, $1.50.

We were the first seedsmen to introduce the Sweet Pea to the American people.



GRANDIFLORA SWEET PEAS

CUPID or DWARF SWEET PEAS

The Cupid varieties of Sweet Peas make very pretty edging for a border or sidewalk. The small bright flowers are borne in great profusion.

Mixed colors. Ounce, 35 cents; Pkt., 10 cents.

VICK'S PERENNIAL PEAS (For plants see p. 86)

The Perennial or everlasting Pea (Lathyrus latifolious) is one of the best of the hardy climbing plants. It produces large flowers in clusters, which are not, however, fragrant like the Sweet Pea, and remains in bloom for a long time. The Perennial Pea is very easily grown from seed, will succeed in almost any situation and once established will remain for years without replanting. It does well in shady and in moist places where other climbers would not thrive. Perfectly hardy. Grows from five to eight feet in height.

White, Rose and Red, each . . . . . **Pkt 15**
Mixed colors. Ounce, 50 cents **10**

A trial in your garden of some of our varieties this spring will make you a most ardent admirer of the Sweet Pea

VICK'S VERBENAS

VICK'S VERBENAS

Unrivaled as low growing bedding plants. Long season of bloom. Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can he produced readily from seed. They flower in July, and continue strong and healthy until after severe frosts

	Pkt.
Auricula-Flowered or White-Eyed. Mixed colors	10
Striped. Excellent flowers, with Carnation-like stripes	10
Scarlet. Brightest scarlet Quite true	10
Pure White. Quite true from seed.	10
Blue. Shades of blue and purple	10
Yellow. Pale primrose yellow	10
Pink	10
Purplish Violet, with large white center	10
Mixed colors. ¼ oz., 30 cents; oz., $1.00	5
Verbena hybrida. Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers. ¼ oz., 50 cents; oz., $1.50	10

TEN WEEKS STOCK

The Ten-Weeks or Annual Stock has nearly or quite all the requisites of a perfect flowering plant—good habit, fine foliage, fragrance, and beautiful flowers of almost every desirable tint. The flowers last a long time and the side shoots give a succession of blossoms. Seeds may be sown in tbe open ground, hotbed or cold-frame, lut transplanting sbould he done when the plants are just out of the seed-leaf. Make the soil deep and rich, and set the plants a foot apart. If plants from a late sowing are carefully potted in the fall, they will flower finely in winter in a house that is tolerably cool and moist.

CUT AND COME AGAIN TEN WEEKS STOCK

	Pkt.
Largest Flowering Dwarf. Seed from pot-grown plants. Dwarf habit, with magnificent large spikes of large double flowers.	
All Colors Mixed	10
Dwarf, from field-grown plants. **Mixed Colors**	5
Wallflower Leaved. Dwarf Large-flowering. Smooth, dark, sbining leaves. Set six inches apart. Excellent for cut flowers	
White. A beautiful clear white, with dark glossy foliage	15
Blood-red. Tbe deepes' red of all the Stocks	15
Snow Flake. Dwarf Wallflower-leaved. Tbe earliest wbite, and one of the earliest of all Ten-weeks Stocks. The snow-white flowers are uncommonly large and double. An extra choice strain.	20
All Colors Mixed	10

Cut and Come Again. **Dresden Perpetual.** Plants of robust growth and branching habit. If sown early commences blooming in June and continues until frost, producing flowers in September and October, when other varieties have faded. Fine for cutting.

White, Rose, Red, Blue and Yellow. Empress Augusta Victoria, Lilac. Each, per packet 15
All Colors Mixed 10

Early Large-Flowering Winter Stock

Giant Nice, White. Very fine variety	10
Giant Nice, Yellow. Excellent.	10
Flesh Pink. Strong spikes, with large flowers	10
Queen Alexandra. New. Rosy lilac. Splendid.	15
Crimson King. New. Brilliant fiery crimson.	
Empress Elizabeth. Splendid. Immense spikes of bright carmine flowers.	15
Best mixed colors Each, per packet,	10

SCABIOSA, OR MOURNING BRIDE

SCABIOSA (See also pp. 83 and 89)
or Mourning Bride

The Scabiosa is an old favorite and of late years has been greatly improved. Tbe flowers are borne on long, wiry stems in white, yellow, pink, scarlet, crimson and maroon. Beautiful in the garden and excellent for bouquets. Very easily grown and has a long season of bloom. Twelve to eighteen inches high. Annual.

	Pkt.
Double Tall. Mixed colors	5
Double Dwarf. A pretty, compact plant. Mixed Colors.	5
Double Yellow. A distinct color	10
Double Lilac. Tall growing	10
Double Fiery Scarlet	10
Double Royal Purple	10
Double White Snowball. Pure white	10

The restfulness and charm of flowers minister to the soul of a people amid the rush and stress of modern life

Vick's Mammoth Zinnias

The Zinnia is prized for its brilliant colors, for the size and perfection of its flowers, for its sturdy growth, and for the associations connected with it as an old-time favorite. Seed sown in the open ground will produce strong plants, which will thrive and bloom from early summer until killed by late frosts. Set plants from twelve to eighteen inches apart. If the plants are crowded the flowers will be small and imperfect. The young plants can be easily transplanted if desired.

Giant-Flowered Double Zinnias

Plants of vigorous growth, about three feet high, bearing profusely their perfectly formed double flowers, from four to five inches in diameter.

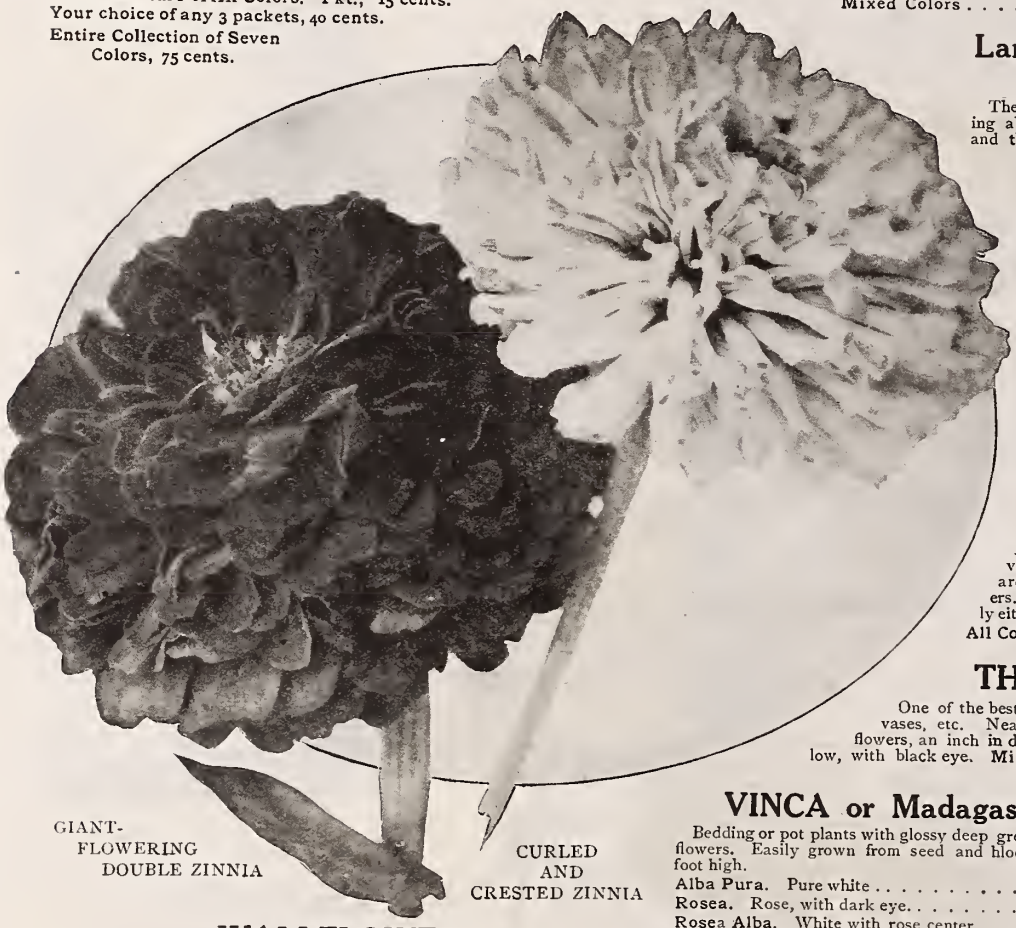
	Pkt.		Pkt.
Scarlet	15	Orange or Golden Yellow	15
Rose	15	Sulphur Yellow	15
Crimson	15	White	15
Purple	15	Striped	15

Vick's Mixture of All Colors. Pkt., 15 cents.
Your choice of any 3 packets, 40 cents.
Entire Collection of Seven Colors, 75 cents.

Curled and Crested Zinnias

A unique and interesting strain of this popular flower. Each plant is covered with large double blossoms, the petals of which are crested, curled and twisted in most charming and fantastic forms. The range of colors includes all the shades characteristic of other Zinnias. Curled and Crested are desirable as cut flowers.

Mixed Colors . . . . . Pkt., 15 cents.



GIANT-FLOWERING DOUBLE ZINNIA

CURLED AND CRESTED ZINNIA

Large-Flowering Double Zinnias

There is something reliable and cheering about the big, solid, double flowers and the clear, brilliant colors. We are sure that any who purchase the collection, mixture, or separate colors will be more than pleased with their investment.

	Pkt.
Purple. Royal color	10
Scarlet. Very showy	10
Rose. Soft, beautiful shade.	10
Crimson. Brilliant, flaming color	10
Striped. Very popular, clear colors	10
Yellow. Should be in every collection	10
White. Pure snow white.	10

Seven packets, one of each 50 cents.
Packet of all colors mixed, 10
¼ oz., 25 cts.; oz., 75 cts.

Liliput Zinnias

Plants are about one foot high, very compact, and when in bloom are covered with small double flowers. They can be used very effectively either for edging or massing.

All Colors Mixed. Pkt., 10 cents.

THUNBERGIA

One of the best trailing plants for veranda boxes, vases, etc. Neat, compact growth. The pretty flowers, an inch in diameter, are white, buff or yellow, with black eye. Mixed Colors. Pkt., 10 cents.

VINCA or Madagascar Periwinkle

Bedding or pot plants with glossy deep green leaves and bright, Myrtle-like flowers. Easily grown from seed and bloom continuously. Annual. One foot high.

	Pkt.
Alba Pura. Pure white	10
Rosea. Rose, with dark eye	10
Rosea Alba. White with rose center	10
Mixed Colors. Rose and White	10
Delicata. A new variety just out. Beautiful, soft delicate pink	15

WALLFLOWER

Deliciously fragrant and splendid for cutting. The perennial Wallflower needs protection in the North.

Perennial. (Half hardy). Fine Mixed Colors, Double . . . . Pkt 10
Annual. Flowering first season. Fine Mixed Colors, Single . . Pkt 5

Auburn, N. Y., Sept. 10, 1920.

I got your B & B Collection and everything is beautiful. My Cosmos are 10 feet tall and full of bloom. The Phlox Drummondii every color and such Zinnias I never saw.

MRS. T. A. COFFEY.

Vick's Bright and Beautiful Annuals for the Garden

ASK FOR VICK'S "B & B" COLLECTION

Ruffled Petunias
New Emperor Salpiglossis
Early-Flowering Cosmos
Annual Larkspur
Large-Flowering Phlox Drummondii
Curled and Crested Zinnias
Giant-Flowering Zinnias
Vick's Famous Branching Asters

One packet of each of the above in mixed colors, 75 cents

For other special collections see pp. 6-8

The old-fashioned Zinnia, with its bright colors, is again becoming popular. A beautiful flower that well deserves attention

Vick's Everlastings

The Everlastings or Eternal Flowers, as they are sometimes called, have again risen to the popular place they so well deserve, and are becoming generally cultivated. The plants do not appear very important when the garden is gay with scores of bright colored annuals and perennials, but in the winter, when the others are all gone, they are greatly appreciated. The flowers should generally be picked as soon as they expand, or a little before, and hung up in small bunches with the heads down, so that the stems will dry straight. In this way they will retain both form and color for years, and make very desirable winter ornaments and bouquets for table decorations.

Acroclinium. One of the most beautiful of the Everlastings. A strong grower, height inches high, bears a great number of pink-rose and white daisy-like flowers, with a yellow center. Should be gathered the first day they open to secure a bright center when dried. **Mixed Colors. ¼ oz., 15 cts.; Pkt., 10 cts.**

Gomphrena globosa. (Globe Amaranth). Clover-like flowers, eighteen inches high. Sow seed, thin to twelve inches apart. **Mixed Colors. ¼ oz., 15 c.; Pkt., 10 c.**

Rodanthe. Double buds of beautiful form and dainty pink and white color. Gather before fully expanded. One of the prettiest of the Everlastings. **Mixed Colors. ¼ oz., 25 cts; Pkt., 10 cts.**

Straw Flower. Helichrysum. A hardy annual and one of the best Everlastings. The plant is 2½ feet high and produces large, double daisy-like flowers, with prominent centers and stiff, overlapping scales, which make a fine display in the garden during the summer. When dried, the flowers retain their shape and color for years and, placed in vases or baskets, without water, make splendid winter bouquets and decorations. Plants succeed in any good garden soil if given plenty of space; place at least one foot apart. For drying, cut the flowers when in bud or just before fully open, and hang them, head down, until completely dry.

Fire Ball, red.
Silver Ball, white.
Golden Ball, yellow.
Rose Queen, carmine rose.
Salmon Queen, salmon.
Violet Queen, violet.
Each, per Packet 10 cents.
One packet each, six varieties. 50 cents.
Mixed Colors. ¼ oz., 25 cents; Pkt., 10 cents.

Gypsophila Paniculata (Baby's Breath). Delicate mist-like sprays of tiny white flowers invaluable when dried for use in bouquets of Everlastings. . . **Pkt 10**

(See also pages 81 and 86.)

STRAW FLOWER—HELICHRYSUM

Ornamental Grasses

Ornamental grasses are not only attractive in the flower bed or border in the summer, but are largely used, when dried, in bouquets, baskets and vases for winter decoration. Large beds and groups of these grasses are used with fine effect in landscape work.

HARDY GRASSES

Arundo Donax variegata. Giant Reed Grass. 4 to 7 feet. Stately Bamboo-like plant with abundant leaves elegantly striped with creamy white. For lawns, borders of streams, etc. **Pkt., 10 cts.**

Briza maxima. Quaking Grass. Handsome for winter bouquets. **Pkt., 10 cts.**

Erianthus Ravennæ. Plume Grass. Hardy Pampas Grass. 4 to 7 feet. The graceful clumps are surmounted by handsome plumes, which are much used for winter decoration. **Pkt., 10 cts.**

ANNUAL GRASSES

Agrostis nebulosa. Cloud Grass. A very beautiful variety of ornamental Grass. Fine and feathery. Very delicate. Looks like mist when in bloom. Elegant for bouquets. Eighteen inches high. Very useful for decorations when dried. **Pkt., 10 cts.**

Coix Lacryma-Jobi. Job's Tears. Two feet high. Corn-like leaves. Grown for the head-like fruit. **Oz., 50 cts.; Pkt., 10 cts.**

Pennisetum longistylum. Fountain Grass. Two feet high. Long, slender leaves and greenish-white plumes. For borders of beds, etc. **Pkt., 10 cts.**

Pennisetum Ruppellianum. Purple Fountain Grass. Three feet high. The purplish plumes are beautiful for bouquets and unequalled as a border for beds of tall plants. **Pkt., 10 cts.**

GRASSES CAN BE DRIED

When planning for winter bouquets of Everlastings, keep in mind that many of the ornamental gsasses listed above can be readily dried and are most useful in making up graceful artistic bouquets and baskets of dried flowers.

Many thanks for all your kindness. Was afraid it was too late for my last order, but thought I would try. You surely will receive more orders in the future.
Atlanta, Ga. *S. C. DOBBS.*

The seeds we have bought of you this year have been perfectly satisfactory so far, and we are looking forward to a good harvest of flowers later. Dahlias also are doing well. Thank you for your prompt attention to all our orders this season.
Lowell, Mass., July 4, 1919. *M. C. BUNCE.*

SEEDS OF TENDER PLANTS

Many people enjoy growing their own tender plants for the house. A large number of varieties can be grown quite readily from seed. Sow very thinly on the surface, in a box filled with a compost of three parts of rotted sod and one part fine sand. Cover the seed with a little fine earth or sand, and water gently but thoroughly. Place the box, covered with glass, in a warm light place, but avoid direct sunlight. Remove the glass when plants are up, and when they have made two leaves, transplant to a box of similar soil and set in a shady place. After a few days, remove again to the light.

Plants of most of the varieties below, as well as many others, are listed in a section commencing on page 101.

Abutilon. Chinese Bell-Flower or Flowering Maple. A well-known greenhouse shrub which will bloom freely with very common treatment. Seeds sown any time before April in a temperature of about 60 degrees, will produce strong flowering plants the first season. **Finest Mixed Varieties** . . . . . Pkt. 10

Asparagus, Plumosus Nanus. Light feathery graceful foliage plant. 100 seeds, $1.00 25

Asparagus, Sprengeri. Very rapid-growing plant with fine lace-like foliage. 100 seeds, 50 cents 10

Begonia Rex-Diadem. This seed has been saved from the largest and finest collection in Europe, and contains all the latest varieties 50

Calceolaria. Hybrida grandiflora. The Calceolarias are very beautiful and popular plants, producing masses of peculiar pocket-shaped, striped, blotched, and variegated flowers. They make gorgeous plants for greenhouse or window 25

Cineraria. Brilliant colors, compact habit and easily grown.
Hybrida. Choice Mixed 25
Hybrida grandiflora. From the largest flowered prize varieties . . . 50

Cineraria Maritima Candidissima. (Dusty Miller.) Silver foliage . 15

Coleus. Remarkable for the brilliant colors of their foliage. The choicest varieties 25

Cyclamen Persicum giganteum. Choice strain, large flowers, rich colors 25

Cyclamen Persicum. Choice Mixed 15

Dracaena Indivisa. Long narrow grass-like leaves, very ornamental . 15

Geranium. Fine Mixed 10

Gloxinia hybrida. Best quality; from choice show flowers 25

Lantana. Finest Mixed 15

Linaria Cymbalaria, Kenilworth Ivy. Lavender and purple. . . . 15

Passiflora cœrulea. The hardiest Passion Flower 10

Schizanthus Wisetonensis. As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks. See also page 71 25

Smilax. A graceful climber for the greenhouse or window. Invaluable for bouquets and floral decorations. Sow in February and keep in a moist place 15

With a little care you can grow as beautiful Everlasting flowers for winter bouquets as any you see in florist shops

A FIELD OF HARDY SWEET WILLIAMS ON ONE OF OUR FARMS (See pages 83 and 89)

Vick's Hardy Perennial Flower Seeds

THE perpetual charm of hardy garden flowers has won for them a warm spot in the hearts of all lovers of beautiful gardens. The reasons for their ever-increasing popularity are easily found:

They can be started with remarkable ease. The seed may be sown in the early spring with the annuals or later in the summer during July and August. If sown later, the seed-bed should be in a cool, damp place or the ground should be kept shaded and moist by artificial means until the plants appear.

They adapt themselves readily to nearly all climatic and soil conditions.

Their blooming season is from April to November, making the beauty of the Perennial Garden ever changing as the months pass.

They have a wide range of usefulness. As cut flowers, in making up designs and bouquets, or for border and massing effects in the garden they are very effective.

They are permanent. When once established in good soil, the perennial bears its blossoms for years, growing finer and more beautiful as the seasons pass.

A very complete list of Annuals begins on page 49; a list of hardy plants and bulbs on page 84.

ALYSSUM (For plants see page 84)

Alyssum saxatile Compactum. Gold Dust. Hardy, compact growth, producing a mass of golden yellow flowers in early spring. Of easy culture and much used in rockeries.

¼ ounce, 40 cents. . . . Pkt 10

ACHILLEA (For plants see p. 84)

The Pearl. Large pure double white flowers somewhat resembling Pompon Chrysanthemums. Very hardy. Easily grown from seed . . . . . Pkt 25

ASPERULA

Odorata, Sweet Woodruff. The white flowers delightfully fragrant, and the dried plant is often preserved for its perfume. About nine inches high. Thrives well in the shade . . . . . Pkt 10

ANCHUSA

Anchusa Italica. Dropmore Variety. One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough leaved stems growing to a height of five feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hardy border. ¼ ounce, 50 cents . . Pkt 10

For plants see page 84

ANTHEMIS

Tinctoria. Golden Marguerite. Pretty, hardy plant with finely divided leaves, growing to a height of two to three feet. Bears throughout the summer, an abundance of long-stemmed, golden yellow, Daisy-like flowers. Excellent for cutting.

One-fourth ounce, 35 cents Pkt 10

ACONITUM

Fisheri (Monkshood.) Large, Porcelain-blue hood-shaped flowers, very effective in borders. Valuable for cutting. Two feet high . . Pkt. 10

LONG SPURRED AQUILEGIA OR COLUMBINE

ARTEMESIA (For plants see p. 85)

Lastiflora. Beautiful spikes of sweet-scented creamy-white flowers. Graceful as cut flowers. Plant is highly ornamental with shrub-like appearance; about four feet high . . . . . Pkt 10

AQUILEGIA, Columbine

One of the most beautiful of the hardy perennial plants. The graceful and peculiarly shaped flowers are borne on slender stems well above the handsome foliage. Plants grow two to three feet high. Seed sown any time up to midsummer will produce plants that will begin to bloom the following May. Perfectly hardy and of easy culture. For plants see page 85

Pkt.

Chrysantha. Beautiful canary yellow from New Mexico and Arizona 10

Cœrulea, Rocky Mountain Columbine. Sky blue and white. Superb. ⅛ ounce, 50 cents. 10

Skinneri. Yellow; with scarlet spurs; the sepals greenish orange. Beautiful. 10

Vick's Long-spurred Hybrids. A beautiful strain of large flowered hybrids, comprising a great variety of colors in blue, white, yellow, pink, scarlet and orange. 15

Single, all colors mixed. ¼ ounce, 20 cents. 5

Double, all colors mixed. ¼ ounce, 20 cents. 5

ANEMONE (For plants see p. 84)

Coronaria, Poppy Anemone. Pleasing hardy plants, fine for herbaceous border or bed, 10 inches high. Mixed colors . . . Pkt 10

ARABIS (For plants see page 84)

Alpena, flora plena-Rock Arabis. Charming low growing very early spring flowering plant, splendid for edging or for the rockery. Double pure white flowers . . . . Pkt 10

BAPTISIA

Australia. Plant two feet high bearing lovely racemes of light blue pea-like blossoms. Pkt 10

We make a specialty of Hardy Perennial Plants. We ship direct from our greenhouses to assure arrival in good condition.

CANTERBURY BELLS SINGLE AND DOUBLE

CAMPANULA or Bell Flower

There are two general classes of Campanulas, hardy biennials, which blossom from seed the second year, and perennials. The biennials are the better known, and include the very popular Campanula Medium or Canterbury Bell, and Campanula Calycanthema, or Cup and Saucer. Campanula Carpatica, Pyramidalis or Chimney Bell Flower, and Platycodon Grandiflora are perennials For plants see page 85. Pkt

Canterbury Bell. Campanula Medium. Flowers large. Plants two feet high; blooms in July.

Single or Double Flowered, Mixed Colors 10

Single, Pink. A soft, delicate shade. One of the most beautiful of all hardy flowers 10

All Varieties Mixed 10

Cup and Saucer. Calycanthema. Beautiful form of Canterbury Bell with a large "saucer" at the base of the flower. Two feet high. **Pink, blue and white, mixed** 10

Carpatica. Six inches high, blooming the whole season. **White and blue, mixed** 10

Pyramidalis. Chimney Bell Flower. Pyramidal plants three feet high, bearing hundreds of beautiful cup-shaped flowers. **Blue, white or mixed, each** . . . 10

Grandiflora Platycodon. Large broad bell-shaped, showy, deep blue flowers . 10

HARDY CANDYTUFT (For Annuals see page 61)

A very desirable, neat, low-growing evergreen plant; fine for borders or rockery. Flowers pure white.

Gibraltarica. Large, showy flowers; lilac, shading to white. One to two feet in height. Blooms in April and May. 1-16 ounce, 50 cents . . . . . Pkt 10

Iberis sempervirens. White, 8 to 10 inches high. Early Spring, 1-16 ounce, 50 cents . . Pkt 15

COREOPSIS Tickseed

One of the best hardy perennials. Used extensively for cut flowers. Very free-flowering, blooming from June to October. The large, showy, golden-yellow flowers are borne on long stems, and will last a week or more when cut. Will bloom the first year if seed is sown early. For plants see page 85.

Grandiflora. Will grow anywhere. Two to three feet high. Fine for cutting. . . . . Pkt 10

DOUBLE DAISY or Bellis Perennis (For Shasta Daisy see page 83)

The well-known English Daisy. Seed sown any time from June to August will produce flowers early the following spring. Transplants readily. Set about six inches apart.

Longfellow. Large, rose-colored flowers. **Snowball.** Large, pure white. **Red and White, Mixed, Each** . . . . . Pkt. 10

Monstrous. A new strain of Double Daisy with flowers fully twice the size of the ordinary sorts. We expect this strain to soon supercede entirely the older varieties. **White, Rose, Red, Delicata Rose, Mixed, Each** . . . . . Pkt. 15

DICTAMMUS or Gas Plant.

Albus. Spikes of attractive pure white sweet-scented flowers . . . . . Pkt. 10

Fraxinella. Beautiful plant with ash-like foliage, and spikes of red purple-veined flowers . . . Pkt. 10

CHINESE LANTERN PLANT

Physalis Franchetti. A very interesting plant 1½ ft. high bearing yellow flowers with dark centers which produce highly ornamental baloon-like husks which turn bright red and resemble paper Chinese lanterns . . Pkt 10

DIGITALIS or Foxglove

For Plants, description and illustration see page 85.

Perfectly hardy. Sow the seed in spring in the garden, and transplant as desired. Blooms June-August. ¼ ounce, 50 cents. **White, Rose Pink, Purple, or mixed colors, each** . . . . . Pkt. 10

GYPSOPHILA or Baby's Breath

See also pages 64 and 86

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of the masses of other flowers, and are especially useful with Sweet Peas, and other flowers that cannot readily be cut with their own foliage. Blooms July and August. Two feet high.

Paniculata. Baby's Breath. One of the best hardy perennials. Easily grown and blooms the first season from seed. Flowers white. Splendid for cutting and can be dried like strawflowers. . . . . Pkt. 10

MYOSOTIS or Forget-Me-Not (For plants see page 86)

Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to mid-summer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering; they are practically biennial. Pkt.

Alpestris. Blue. Grows six inches high. Blooms in April 10

Alpestris alba. White. Grows six inches high. Good for borders . . . 10

Alpestris rosea. Light pink. Grows six inches high. 15

Alpestris, Indigo Blue. New, very fine. A deep indigo blue 10

Alpestris robusta grandiflora (Eliza Fonrobert). Large-flowering, of pyramidal habit. Very fine. Blue, with clearly defined yellow eye. 10

Alpestris, Victoria. Sky blue, dwarf. Plants globular 10

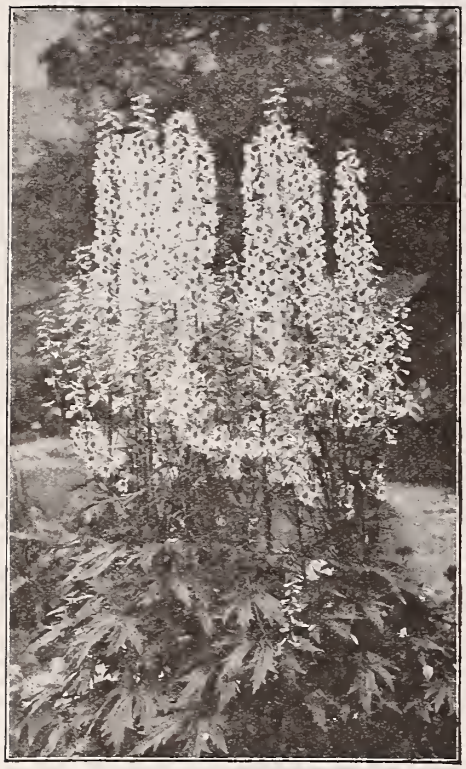
Palustris (True Forget-me-not). Blue, with yellow eye. Perennial. 15

Mixed Varieties. Seeds of the above varieties mixed 5

VICK'S PERFECTION. The finest Myosotis known. Large, bright blue flowers. As an edging plant for beds or the shrubbery border it really has no superior. Plant robust, nine inches high. 15

GYPSOPHILA OR BABY'S BREATH (CLOSE VIEW)

Every well-balanced garden needs perennials, for the border, scattered through shrubbery, in the corners, everywhere



DELPHINIUM OR LARKSPUR

DELPHINIUM or LARKSPUR (See also pages 64 and 85)

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative, and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. Seeds sown in the open ground in the spring will produce strong plants, some of which will flower the same season. Blooms from June until frost. Pkt

Formosum. Large flowers of deep, brilliant blue, white eye. Three to four feet 10

Formosum cœlestinum. (Pillar of Beauty). Beautiful shade of light sky blue; flowers large; spikes long. Plants three to four feet in height 10

Nudicaule. Bright scarlet; native of California. One to two feet 10

Chinese Sinensis. Fine. Two to three feet. Blue, white, and pink, mixed. 10

Large-flowerng Hybrids. Three to six feet high. Flowers of various shades; very showy. Finest varieties mixed. Extra fine stock 10

Belladonna. By far the finest Delphinium yet produced. Flowers large, light blue, borne on stately tall spikes 15

HARDY LYCHNIS (For plants see page 86)

Excellent hardy plants, of easy culture, commonly known as Lamp Flower, Ragged Robin, etc. To obtain good flowers the first summer, sow the seed inside and transplant as early as possible.

Chalcedonica, Maltese Cross, Jerusalem Cross. Fine old-fashioned flower. Two feet high, with heads of brilliant scarlet flowers. During spring and early summer . . . . . Pkt 10

Haageana hybrida. Finest of the Lychnis family. One foot in height. Mixed Colors. . 10

Viscaria splendens. Flowers rosy pink. One and one-half feet high 10

HARDY GAILLARDIA (See also pages 64 and 86)

Gaillardia Grandiflora. The plants and flowers of the perennial Gaillardia are very much larger than those of the annual. The colors are exceedingly brilliant. They include the richest shades of crimson, scarlet, orange and yellow, contrasting beautifully with the brown centers. The plants are perfectly hardy and easily grown from seed. If seed is sown early the plants will bloom the first year June until frost. **Mixed Colors.** ¼ Oz., 30 cents . . 10

CORNFLOWER ASTER—Stokesia Cyanea

This flower, about 18 inches high, bears freely, from early July until frost, its handsome Centaurea-like blossoms, each measuring from four to five inches across. It is of the easiest culture, succeeding in any open, sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. We have no hesitation in saying that the Cornflower Aster is one of the most beautiful, valuable and desirable of hardy plants

Packet, 10 cents. For plants see page 85

GRACEFULLY NODDING CHARMINGLY BEAUTIFUL HOLLYHOCKS

VICK'S HOLLYHOCKS (For plants see page 86)

We feel justly proud of our special strain of Double Hollyhock grown on our farms. In all our experience we have never seen a greater variety of colors, from the most delicate pink to deep maroon; all immense, perfectly double flowers. No garden is complete without a few of these stately, hardy plants from six to eight feet high, used as a background or in the border with shrubs or other hardy plants. Seed sown in the early summer will produce blooming plants the second season. July-Sept.

Hollyhock, Double. Four to five feet high. Very double and fine, from the best named collection in Europe. **Pink, rose, scarlet, yellow, crimson, white. Any Color** . . . Pkt. 10

Mixed Colors. Ounce, $1.50; ¼ ounce, 50 cents. 10

Newport Pink. The finest double pink variety in cultivation. Color similar to that of the famous "America" Gladiolus. Planted with "Pillar of Beauty" Larkspur the effect is strikingly beautiful. 15

Allegheny. Six to seven feet high. Flowers very large and beautifully fringed. Single and semi-double. Has a long season of bloom, and the plants are taller and less subject to rust than the double varieties. **Mixed Colors** 10

Hollyhock, Single, mixed colors 10

HONESTY—Satin Flower

Lunaria. (Moonwort). Hardy biennial, prized for its curious attractive silvery white seed pouches, used for winter decoration 10

HYACINTHUS (For bulbs see p. 105)

Candicans (Summer Hyacinth). White pendant funnel shaped flowers, in long racemes. Very decorative and fragrant 10

LUPINUS (For plants see p. 87)

Polyphyllus. Easily grown, hardy plants about three feet high with long spikes of pea-like flowers of various colors 10

LOBELIA CARDINALIS (See also pages 65 and 86)

Our native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started with heat. Blooms August and September 15

PYRETHRUM—Persian Daisy (See also pages 72 and 87)

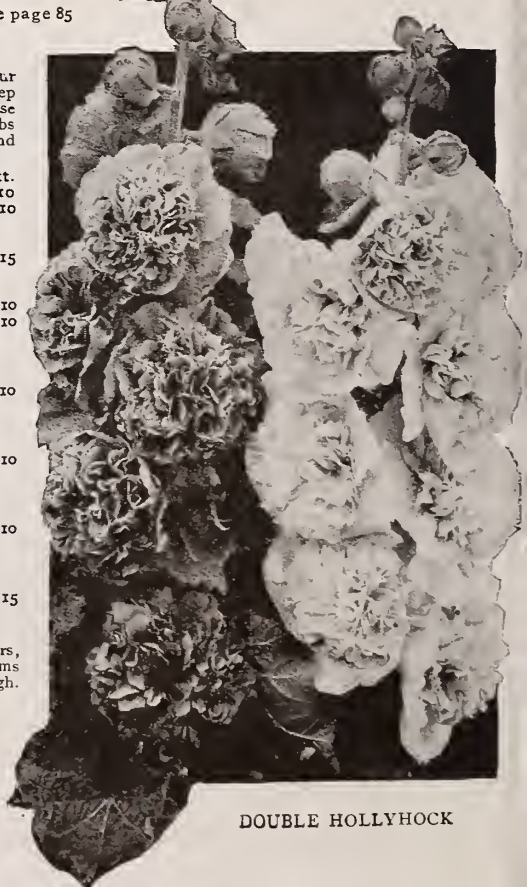
Hardy perennial plants of easy culture with beautiful, large single and double, daisy-like flowers, three to four inches across, in a variety of brilliant colors. The flowers are borne on long stems and are splendid for cutting. The plants have a long season of bloom. Grow two feet high. Blooms from June until frost if cut back.

Single Large-Flowering. Mixed colors . . . . . Pkt 10

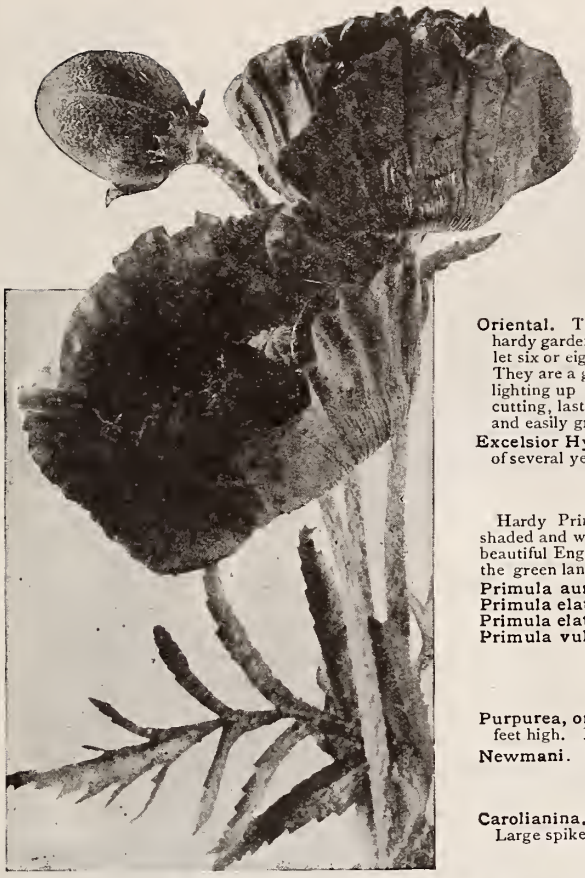
Double Large-Flowering. Mixed colors . . . . . Pkt 25

Yellow-Leaved or Golden Feather. Dwarf plants about eight inches high, used extensively for borders and edgings. Foliage bright yellow . . . . . Pkt 10

Hardy Perennial Plants are described in this catalogue beginning on page 84.



DOUBLE HOLLYHOCK



ORIENTAL POPPY

PERENNIAL POPPIES (See also pages 62, 72 and 87)

Iceland Poppies are perennial, but blossom the first year from seed, if sown early. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy (annual), and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut-flowers, lasting well if cut when the buds are opening. Bloom from June to October. Pkt.

Pure White, Yellow and Orange, in separate packets, each 15

One packet each of the three above colors 35

Above colors mixed, per packet 10

Oriental. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shrubbery, lighting up the usually dark and somber clumps of shrubs. The flowers are splendid for cutting, lasting well if cut as they are opening. The plants bloom in June. Perfectly hardy and easily grown from seed. Sow seed from April to June 10

Excelsior Hybrid. A grand mixture of colors in hybrids of the Oriental Poppy. The result of several years careful selection. Ranges from the most delicate salmon to deep crimson. . 25

PRIMROSE (See also pages 71 and 104)

Hardy Primroses succeed best in a northern border. Sow seeds where they can be kept shaded and watered as they require a long time to germinate. Primula vulgaris is the sweet, beautiful English Wild Primrose, so ardently loved by all who spent their childhood days among the green lanes of England. Pkt

Primula auricula. Fine Mixed. 25
Primula elatior. (Polyanthus.) Fine Mixed 10
Primula elatior. (Polyanthus.) Gold-laced. 25
Primula vulgaris. Wild English Primrose 10

RUDBECKIA—Cone Flower

For description and illustration, see page 89.

Purpurea, or Giant Purple Cone Flower. Flowers reddish wine-purple. Two to three feet high. Blooms from June to October. Beautiful and lasting as cut flowers 10

Newmani. Single golden-yellow flowers with black center 10

THERMOPSIS

Carolianina. Magnificent tall growing plant, about 5 feet high, with clover like leaves. Large spikes of golden-yellow, pea shaped flowers 15

PENTSTEMON

Barbatus. Handsome spikes of bright scarlet flowers; three feet high 15

SHASTA DAISY (For plants see page 89)

A very hardy perennial, blooming better and more abundantly each season, and continuing to bloom for several months. The pure white flowers are from two and one-half to four inches in diameter, and are borne singly on long, stiff, wiry stems. The blooms, when cut, remain perfectly fresh and in good condition for two weeks or more. Blooms from July to October . . Pkt. 10

SWEET WILLIAM (For plants see page 89)

We are pleased to see that the merits of this sturdy old-fashioned flower are being more generally recognized and its cultivation greatly extended. Beautiful, fragrant and easily grown, it is worthy of a place in every garden. The best varieties of Sweet William are of exceedingly beautiful colors, and the large fragrant flowers are borne in trusses of great size. They make a splendid show in the garden or hardy border and last well as cut flowers. Seed may be sown at any time from spring to mid-summer. Blooms the second season. Blooms during June and July. Perfectly hardy. Pkt

Holborn Glory. Large flowers in beautiful shades, with center and margin of white 10
Dunnetti. Deep blood red. Rich, velvety texture 10
Pink Beauty. A beautiful salmon pink 15
Scarlet Beauty. 10
Single White. 10
Double White 10
Single Mixed. (Perfection.) All colors. 10
Double Mixed. All colors 10

VALERIANA (For plants see page 89)

Rubra. Long spikes of fragrant bright red flowers, two feet high, excellent for border 10
Alba. Pure white flowers 10

VERONICA—Speedwell (For plants see page 89)

Spicata. Delightfully pretty blue flowers in long spikes 10
Longifolia Subsessilis. A fine autumn blooming plant, two feet high. Flowers rich violet blue 15
Speedwell Mixed. 10

YUCCA (For plants see page 89)

Filamentosa. A strikingly decorative plant; long narrow sharp pointed leaves and large spikes of creamy white bell-shaped flowers 15

HARDY SCABIOSA (See also page 77 and 89)

Caucasica. One of the best of the hardy perennials. The large flowers are a beautiful soft lilac color and are borne on long stems. Two to three feet high 10
Japonica. Beautiful artistic lavender-blue flowers about two feet high . 15

BEAUTIFUL, FRAGRANT, OLD FASHIONED SWEET WILLIAM

We have had the experience of over half a hundred years in growing, packing and shipping seeds, plants and bulbs

 A glimpse of part of our greenhouse farm at Barnard, N. Y., where we grow our Hardy Perennials and Bulbs.

HARDY PLANTS AND BULBS

HARDY PERENNIALS are like old family friends; they never leave us, but grow more and more beautiful and beloved as the years roll by. Year after year they come up to greet us with the charming beauty and gorgeous coloring of their flowers and foliage, just as they greeted our mothers in the days of yore. Where can one find plants so attractive, so appealing to the eye, which can be put to so many uses? For the border they are most satisfactory, for filling in the front of shrubbery they are unexcelled, and for massing on the lawn they are superb.

With a little care you can have a profusion of interesting and enchanting blooms from early April to late November. Prolong the blooming period by keeping the flower stalks cut out close to the ground and not permitting them to form seed. Most early-flowering varieties will bloom again in the fall if cut back close after their first blooming period. After the first hard frost in the fall, cut down the tops to within three inches of the ground and give the bed a good coat of half-rotted manure which will protect the plants and enrich the soil; dig this under in the spring before new growth starts.

We prepay Parcel Post or Express charges on Hardy Perennial Plants to all points east of the Mississippi River

Seeds of Perennial Plants are shown in this catalogue in a section commencing on page 80.

ACHILLEA or Yarrow (For seeds see p. 80)

The Pearl. The blossoms are of purest white, and so large that they resemble a Pompon Chrysanthemum. Hardy, and will thrive in almost any situation. Very desirable for garden or for cemetery decoration. Blooms nearly the whole season. . . . . Each 30 cents; dozen, $3.00

Millefolium roseum. Foliage very finely cut; flowers pink. Blooms continuously . . . . . Each, 30 cents; dozen, $3.00

Tomentosum. Bright yellow flowers. Very fine for rockeries. . . . . Each, 30 cents; dozen, $3.00

ALYSSUM (See also pages 59 and 80)

Saxatile compactum — "Basket of Gold." An indispensable plant for the rockery or border, growing one foot high and producing, in May, masses of broad flat heads of bright yellow flowers. . . . . Each, 25 cents; dozen, $2.50

ANEMONE (For seeds see p. 80)

Whirlwind. This double variety has the habit, and all the other good qualities of the Single White Japan Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are two and one-half to three inches across, and have several rows of white sepals. The plants grow from two and one-half to three feet in height. Each, 35 cents; doz. $3.50

Queen Charlotte. Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flowers semi-double, broad, perfectly formed, and of a delightful shade of silvery pink. . . . . Each, 35 cents; dozen, $3.50

Japonica alba. Flowers pure white with yellow center, single. . . . . Each, 35 cents; dozen, $3.50

ARABIS or Rock Cress (For seeds see p. 80.)

Alpena. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. Excellent for cutting, lasting a long time in bloom. Blooms early spring . . . . . Each, 25 cents; dozen, $2.50.

NEW ANCHUSIA ITALICA (For seeds see p. 80)

DROPMORE VARIETY

One of the most valuable of the recent introductions. The plants are vigorous and branching, growing from three to five feet in height. The flowers are borne on long, pyramidal, graceful spikes; color beautiful, clear, bright blue, a shade peculiar to this variety. Its blooming season is in June and July. . . . . Each, 30 cents; dozen $3.00

The bulbs arrived yesterday, the 15th, also the other rose and were received in good condition as have all of the orders we have received from your firm.
Humbolt, Iowa, Nov. 16, 1920. *RUTH E. LITTLE.*

ANEMONE—"WHIRLWIND"

We ship plants direct from our greenhouses to you thus assuring their arrival in the best possible condition

DELPHINIUM OR HARDY LARKSPUR

AEGOPODIUM (Bishop's Weed)

Podagiaria variegata. A rapid growing, attractive green and yellow variegated foliage plant. Splendid for borders. Thrives in any soil. One foot high. Each, 25 cts; dozen, $2.50.

AQUILEGIA or COLUMBINE

(For seeds, illustration and full description see page 80)

Each, 30 cents; dozen, $3.00.

Chrysantha. The beautiful golden-yellow Columbine.
Cœrulea. The true Rocky Mountain Columbine. Flowers azure blue and white.
Skinneri. Scarlet and yellow. Unusually attractive for any purpose.
Erskine Park Hybrids. Beautiful hybrids. A fine selection of the most popular colors.
Single Mixed. All colors in a fine mixture.
Double Mixed. Flowers very large, full and double.

BOLTONIA

Among the showiest of our native hardy perennials. Attains a height of four to five feet, with single aster-like flowers in large clusters. When in full flower (and it remains in bloom a long time) it is a wonderfully handsome shrub-like plant and makes a fine show in the perennial bed. The flowers are very useful and attractive when cut for table decorations. It grows very rapidly and easily. Very hardy.

Asteroides. Pure white . . . . . Each, 25 cents; dozen, $2.50
Latisquama. Lavender Pink . . . . . Each, 25 cents; dozen, $2.50

CHINESE LANTERN PLANT (For seeds see p. 81)

Physalis Franchetti. An ornamental variety of Winter Cherry grown principally for its very attractive baloon-like husks or pods, which turn bright red and resemble Chinese paper lanterns. These may be dried and last forever, making splendid winter decorations. Ea., 35c.; doz., $3.50.

CAMPANULA or Bell Flower

(For seeds and illustration, see page 81)

Each, 30 cents; dozen, $3.00.

An indispensible, always popular hardy plant that grows in great variety of forms. Some are tall, stately and imposing and others are dwarf and compact, suitable for edging rockeries, etc. They flower best in a half-shady location.

Carpatica. (Carpathian Hare-Bell.) A pretty, compact species, not exceeding eight inches high flowers clear blue, one inch in diameter. Blooms from June to last of Oct.
Carpatica Alba. White flowers.
Medium. Old fashioned Canterbury Bell. In three colors, pink, blue and white. Our stock has been grown from the finest strain of seed. Two to three feet., June - July.
Persicifolia. Grows 1½ feet high, and produces a great number of blue flowers in loose clusters from June to July.
Persicifolia alba. A white form of the above
Pyramidalis. A most attractive plant for the border, forming a perfect pyramid, covered with large, blue and white flowers. Four to six feet. Blooms in August.
Pyramidalis alba. Same habit as Pyramidalis, but the flowers are white.

DELPHINIUM or Hardy Larkspur (See also pages 64 and 82)

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. Each, 30 cents; doz. $3.00.

Formosum. A most brilliant deep blue, the finest blue flower known among our hardy plants. Three to four feet. Blooms from June to frost.
Formosum Collestinum. A charming delicate blue.
Bee Larkspur. Interesting for the manner in which the petals are folded up in the center of each flower so as to resemble a bee. Flowers of lighter shade than Delphinium Formosum.
Chinese. A pretty variety, in varying colors from blue to white. Eighteen inches.
Belladonna New. The finest Delphinium yet produced. Large light blue.

CERASTIUM or "Snow in Summer"

Tomentosum. A very pretty dwarf, white-leaved edging plant, bearing small white flowers. Fine for rockery. Blooms in May and June. Each 25 cents; dozen, $2.50.

COREOPSIS (For seeds see p. 81)

Lanceolata Grandiflora. A most popular hardy plant. Flowers are rich golden yellow in color, graceful and invaluable for cutting. Blooms very abundantly during the last of June and continues in flower during the entire summer and autumn. 18 to 24 inches. Each, 30 cents; dozen, $3.00.

CORNFLOWER ASTER or Stokesia Cyanea

Valuable native hardy plant of easy culture. Large, handsome flowers of lavender blue, borne profusely from July until frost. 18 inches. For seeds see page 82. Each, 25 cents; dozen, $2.50.

DIGITALIS or Foxglove (For seeds see p. 81)

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower stems at least three feet in height. They are fine for the mixed border, or planted single in half-shady places near a walk or drive. The racemes of the flowers are often two feet in length, containing scores of prettily-spotted thimble-shaped flowers. Perfectly hardy. Pink, white and purple. Each, 30 cents; dozen, $3.00.

DIGITALIS or FOXGLOVE

Bogota, N. J., June 7, 1920.

The goods ordered from you arrived in excellent condition. Allow me to thank you for your prompt attention to my orders.

LOUIS BELDEN HARDER.

Strong, well-grown Vick Quality Plants, carefully packed, by Parcel Post or Express, can be sent anywhere

GAILLARDIA GRANDIFLORA OR BLANKET FLOWER

GAILLARDIA or Blanket Flower (See also pages 64 and 82)

Grandiflora. Among the most attractive and effective of our hardy perennial plants. Will thrive in almost any position or in any soil. One mass of bloom from June till autumn. The gorgeous flowers, two to three inches in diameter, dark red-brown in center, with bands of crimson-orange and vermillion, are borne on stems, eighteen to twenty-four inches long. When used for filling in front of shrubbery Gaillardia adds a dash of color which is very effective. Each, 30 cents; dozen, $3.00.

FORGET-ME-NOT (For seeds see p 81)

Myosotis palustris. The true perennial Forget-me-not. A variety that is always in flower. Each, 25 cents; doz. $2.50.

GYPSOPHILA—Baby's Breath

(For seeds and illustration see page 81; for annuals see page 64)

Paniculata. Gypsophilas are valuable for bouquet making, either green or dried. They are very graceful and easily cultivated. Should be in every garden. Flowers white. Plants two feet high. Blooms, July and Aug. Each, 30 cents; dozen, $3.00.

HELENIUM—Sneeze Weed

Autumnale superbum. Valued for its profusion of golden yellow flowers. Long season of bloom and useful for cutting. Plants five feet high. Each, 30 cents; dozen, $3.00.

HELIANTHEMUM VULGARE—Sun, or Rock Rose

A most desirable hardy, evergreen, low-growing plant. Suitable for the border, rockery, or a dry, sunny location. During the months of July, August and September, the plants are covered with a mass of blooms of various colors. Each, 25 cents; dozen, $2.50.

HELIANTHUS—Hardy Sunflower

These varieties of Helianthus are perfectly hardy in this locality, but in colder regions a protection of coarse litter will be required. The plants attain a height of about four feet, and in their blooming season, August and September, they are nearly covered with bright golden-yellow double flowers, about the size of a Dahlia; they are very satisfactory for cutting.

Each, 30 cents; dozen, $3.00.

Helianthus latæfrons. Plant of distinct habit, forming a pyramid of lovely flowers and foliage. Flowers, golden-yellow, single.

Maximiliana. Golden-yellow, with reddish brown center. Single.

Multiflorus. (Double hardy Sunflower.) Large, double Dahlia-like, golden-yellow flowers in great profusion during July and August. Grows about four feet high. Very beautiful.

Rigidus. Single. Fine upright habit of growth. Light yellow maroon center. About three feet high.

HOLLYHOCKS (For seeds see page 82)

Illustration on page 82.

Double Hollyhock. This flower is justly becoming more popular every day. We have excellent healthy plants, grown from seed, that will flower the first summer. Give the plants a light covering of coarse litter for winter protection. In six separate colors—White, red, pink, purple, yellow, maroon Each, 30 cents; dozen, $3.00.

"Allegany." New Fringed Perpetual-Blooming. The flowers come single, semi-double, and double. They are seldom less than five inches across, and are beautifully fringed, of fine form and delicate texture. Two to four buds form at the base of each leaf, where the old style Hollyhocks have but one or two. These buds open in succession, prolonging the flowering season until autumn. Fine plants that will bloom the first season. Mixed colors. Each, 30 cents; dozen, $3.00.

HIBISCUS—Rose Mallow

Tall, hardy, free blooming, with showy flowers. Height from three to five feet. July to Sept. Each 30 cents; dozen, $3.00.

Crimson Eye. The flowers are immense in size. The coloring is of the purest white, with a large deep spot of velvety crimson in the center of each flower. A well developed plant will produce several hundred of these flowers during the season.

Militaris. Delicate flesh pink flowers, tinged with a deeper color toward the center.

Moschentos. Flowers six inches in diameter, light rosy red, with a dark center.

LOBELIA—Cardinal Flower (See also pages 65 and 82)

Cardinalis. An excellent border plant; it grows two feet high and produces rich, fiery cardinal flowers from early in August until late in September. The plants will thrive in any ordinary garden soil, but prefer a moist, deep loam where they will not suffer from drought.

Each 30 cents; dozen, $3.00.

LYCHNIS (For seeds see page 82)

Chalcedonica—Maltese Cross—Jerusalem Cross. A most beautiful hardy perennial, growing three feet high, and producing brilliant scarlet flowers all summer long. Very desirable for mass planting and for a combination of colors in the border. Each, 30 cents; dozen, $3.00.

Viscaria splendens. Single rosy-pink flowers, very showy; blooms in June Each, 30 cents; dozen, $3.00.

LYTHRUM Roseum Superbum

A strong-growing, shrub-like plant, producing large spikes of rose-colored flowers from July to September. Grows three to four feet high.

Each, 25 cents; dozen, $2.50.

Peckville, Pa., Dec. 19.

Out of 85 Rosebushes purchased, the order I received from you was the best value of all, being the only bushes that were all true to name, and the best money value.

Hoping for you a prosperous year, I remain,

G. W. BECK.

Chicago, Ill. Nov. 5, 1910

Many thanks for the plants which arrived in excellent condition. We are all much pleased with them.

ELIZABETH HANSON.

HIBISCUS—Rose Mallow.

Gaillardia Grandiflora or Blanket Flower blossoms all the summer long and makes a gorgeous show of color in the garden

TRUE FLAG IRIS

PENTSTEMON

Most useful hardy perennial, blooming from June until autumn. Very fine for border or rockery. Flowers born on tall spikes, resembling Gloxinias. Grows about three feet high.
Coerulea. Flowers blue. **Each, 30 cents; dozen, $3.00.**

PHYSOSTEGIA
False Dragon-Head

One of the most beautiful of our summer flowering perennials, bearing long spikes of tubular shaped flowers resembling a giant feather. **Each, 25 cents; dozen, $2.50.**
Virginica. A bright pink. Four feet. **Virginica alba.** White. Two feet.
Speciosa. A very delicate light pink. Grows four to five feet high.

HARDY PINKS

These pinks are perfectly hardy, and will remain in the open ground all winter without protection.
Pot grown plants, each, 25 cents; dozen, $2.50.
Field grown plants, each, 35 cents; dozen, $3.50.
Comet. A fine shade of red; flowers double, clove scented.
Her Majesty. Flowers very large, fringed, very double, and pure white. Fragrance delicious, clove scented. Long stiff stems support the flowers.
Souvenir de Salle. Soft rosy pink; large as a carnation; beautifully formed and very double.
White Reserve. A nicely fringed white. Always in bloom.

HARDY POPPY (See also pages 72 and 83)

Each, 30 cents; dozen, $3.00.

Iceland Poppies. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy, and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut flowers, lasting well if cut when the buds are opening. **White, yellow and orange.**

Oriental Poppies. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shruhbery, lighting up the usually dark and somber clumps of shrubs. The flowers are splendid for cutting, lasting well if cut as they are opening.

The plants bloom in June, and then disappear during July and August, to reappear and bloom again in the fall.

HERBS (For seeds see page 19)

English Lavender. Each, 25 cents; dozen, $2.50.
Mammoth Broad-Leaved Sage. Each, 25 cents; dozen, $2.50.

THE IRIS, or Fleur-de-Lis

THE IRIS, or Flower de-Luce, the *Fleur-de-lis* of the French, is one of the most beautiful of hardy garden plants. There are several distinct species of these plants, natives of different regions, each presenting many garden varieties, the flowers of which are of peculiar and handsome form, beautifully colored and marked, and equaling in beauty the most showy orchids. The plants are hardy in the garden. Some kinds are desirable for the greenhouse.

Iris will grow almost anywhere; in out-of-the way corners, among shrubbery, or wherever they have a reasonable amount of soil and moisture. They require very little care, and will remain in the ground from year to year, gradually spreading, and increasing the size and beauty of the floral display. It is best to divide the roots every two or three years.

TRUE FLAG IRIS Fleur-de-Lis

Perfectly hardy. They bloom in May and June, when there is a scarcity of other flowers. Plant three inches deep.
Each, 25 cents; dozen, $2.50.
Celeste. Standard and falls delicate azure blue.
Gesneriana. White and lavender.
Madame Chereau. White, daintily edged light blue.
Madcap. Lavender and purple.
Souvenir. Old gold and purple; tall grower.
Pharaon. Blue, shaded rose color.
Florentina. White lavender vein.
Canary. Rich yellow.
Atropurpurea. Old blue; very fine.
Velveteen. Golden bronze and rich purple.

JAPANESE IRIS

The flowers of the Japan Iris are of the richest colors, ranging from white to purple, with delicate markings and veinings and quite different in form from those of the True Flag Iris, being much flatter and larger. Named varieties, all double. Blooms just after the True Flag Iris.
Each 30 cents; dozen, $3.00.
Blue Danube. Deep indigo blue, violet shadings.
Gold Bound. Pure white.
Hyde Park. Reddish purple, striped white.
Mahogany. Dark red, shaded maroon.
Mars. Reddish purple, striped and blotched white.
Paragon. Rich velvety purple.
Pyramid. Lilac blue, veined white in center of each petal.
Spotted Beauty. White spotted with violet crimson.

ORNAMENTAL GRASSES

(For seeds of Ornamental Grasses see page 79.)

Ornamental Grasses are very effective in borders and in clumps among shrubbery. They grow very easily and when once started, practically take care of themselves. **Each, 30 cents; dozen, $3.00.**
Erianthus Ravennae. Hardy Pampas Grass. Grows from nine to twelve feet high, frequently throwing up from 30 to 50 flower spikes.
Eulalia. Handsome, tall, ornamental grasses for the open lawn, or for clumps in the borders of shrubbery. Leaves beautifully variegated.
Eulalia Japonica zebrina. Stripe across the leaf instead of length-wise.
Eulalia Japonica variegata. Leaves beautifully striped length-wise.
Eulalia univittata. The most beautiful of all the Eulalias. Foliage narrow, dark green, with a silvery white midrib.

LUPINUS, Lupine (For seeds see p. 82)

Polyphyllus. Strong plants, about three feet high, with long spikes of pea-like flowers in early summer.
Mixed colors. **Each, 30 cents; dozen, $3.00.**

MONARDA DIDYMA

An exceptionally fine, hardy perennial for planting in the garden or in a mixed border. The plant grows about 2½ feet high, branching freely, and bears multitudes of bright red, showy flowers all summer, which are surpassed in intensity of color only by the Cardinal Flower. For a mass of color it is very striking. Thrives well in the shade.
Each, 30 cents; dozen, $3.00.

PYRETHERUM (For seeds see page 82)

Sometimes called Spring-Flowering Chrysanthemum. Hardy perennial plant of easy culture, with beautiful, large, daisy like flowers in a variety of brilliant colors, ranging from intense scarlet to pure white. The flowers are borne on long stems and are splendid for cutting, lasting in water longer than almost any other flower. The plants have a long season of bloom.
Each, 30 cents; dozen, $3.00.

PLATYCODON Grandiflorum

The Chinese Bell Flower. In bloom the entire season. The flower resembles Clematis in size and color. Two varieties, blue and white, two feet high **Each, 30 cents; dozen, $3.00.**

Orders for plants are filled at our greenhouses where the plants are grown, insuring prompt service and fresh plants

PERENNIAL PHLOX (For Annuals see page 71)

The Perennial Phlox, which is one of the most popular and satisfactory of all hardy plants, give one a splendid idea of the diversity of uses to which those plants may be put. As a border plant Perennial Phlox is extremely effective; massed in a bed, it makes a gorgeous spectacle with its magnificent spikes of showy and lasting flowers; and scattered among the early flowering hardy plants it is very attractive. Perennial Phlox grows from two to three feet high. Its blooming period normally is from June 15th to late fall By cutting away each flower stem as soon as it is through blooming, other flowers will ppear, thus prolonging the blooming period and increasing the size of the flowers.

Strong field-grown plants. Each, 30 cents; dozen, $3.00.

Coquelicot. Bright scarlet.
Cyrano. Large truss of pink flowers.
Eclaireur. Flowers of immense size, carmine, salmon center, rosy white star.
Esclamonde. Rosy lilac, shaded white; large purple center with white halo.
Faust. Bright rose.
Independence. White flowers and very early.
Isabey. Orange-salmon, center purplish crimson.
Jeanne D'Arc. Very large, pure white flower. A very strong grower.
LeMahdi. Violet purple.
Lothair. Rich salmon, crimson eye.
M. Bezanson. Fiery crimson, velvety purple eye.
Miss Lingard. White, with delicate pink center; long spike; early.
Pantheon. Salmon-rose; a fine variety, and should be planted more extensively.
Purity. The best pure white.
Richard Wallace. Pure white with distinct violet eye.
Rosetta. Deep rosy crimson-violet.
Sir Edwin Landseer. Brilliant crimson.
The Pearl. Pure white.

PERENNIAL PHLOX

PHLOX SUBULATA—Moss Pink

Fine for the rockery and border, gradually spreading, and forming a beautiful rich green carpet covered with fine pink star-shaped flowers. An early blooming plant, flowering in May.
The Bride. Pure white, with pink eye. **Each 25 cents; per dozen $2.50.**

SERVICE IS ALWAYS A PLEASURE

I want to again express my appreciation of the kind of service you are giving, for the very fine lot of things you have sent me, and for the splendid cooperation and lot of suggestions that you have given me. Not only have I found your goods all that I could possibly desire, generally speaking, but likewise I have been most pleased with your apparent cordial interest in my little matters in the garden line, and your service and your suggestions have enabled me to get the start I have been working to get for years in the perennial line. If my grounds are not greatly improved by the perennial plants, bulbs and other things procured from you and planted this summer and fall, then I will be much surprised.

Deadwood, S. D. *JAMES W. FOWLER.*

VICK'S SUPERB PEONIES

Chinese Peonies are very desirable on account of their large size, fine colors and profuse blooming. They are perfectly hardy, and will succeed in any ground unless so wet that the water will lie on the surface in the winter and spring. May be planted either in the autumn or spring.

Extra fine roots, each, 50 cents; dozen, $5.00; except where noted

Beaute Francaise. Rosy pink. Center fringed.
Belle Chateline. Rose striped. Center white salmon striped.
Berlioz. Magenta rose, silver tipped, large, late.
Canarie. White tinted sulphur. Very free flowering.
Duchess de Nemours. Sulphur white. Fine shaped bloom.
Fidehire. Rosy red. Blooms freely.
Henry Demay. Brilliant red, center fringed. Strong grower.
Jeanne D'Arc. Salmon-rose, center white and carmine.
Louis Van Houteii. Brilliant carmine purple. Very fragrant.
Officinalis rubra. Rich deep crimson. A great favorite.
Queen Victoria. White, center tipped with red. Early.
Seabreeze. Pink. Extra large flowers. Fine.
Souvenir d' Auguste Mielliez. Salmon-rose.
Tenuifolia flore pleno. Fringed Leaf Peony. Brilliant double, deep crimson. Foliage graceful and finely cut. Earliest of all Peonies. **Each, 60 cents.**

SIX SUPERB PEONIES

The Set of Six for $3.00.

Achille. Light flesh-colored pink, changing to blush white, with an occasional creamy spot. **Each, 60 cents.**
Augustin D'Hour. Dark carmine red. Very free flowering. Mid-season. **Each, 60 cents.**
Delache. Tall; immense globular heads of crimson maroon. **Each, 60 cents.**
Festiva Maxima. Enormous full double bloom. Color, pure white with an occasional carmine spot. **Each, 60 cents.**
Lady Lenora Bramwell. Soft silvery pink. **Each, 60 cents.**
Rosea superba. Large convex bloom; very full, light pink. **Each, 60 cents.**

ROW OF HARDY PEONIES

For border planting or for beds and groups of flowers it would be hard to find anything better than the Peony

RUDBECKIA, PURPUREA

RUDBECKIA or Cone Flower (For seeds see p. 83)

The Rudbeckias are very decorative plants, and are excellent for shrubberies, flower borders and along carriage drives. They thrive in any good garden soil and grow so rapidly that a few small plants soon become large clumps and produce bundreds of flowers.

LACINIATA flora plena—Golden Glow. The best known and most popular ever-blooming hardy plant grown. It is covered during the season with masses of rich golden-yellow double flowers on long stems that make it suitable for cutting. Attains a height of 6 to 8 feet. **Each, 30 cents; dozen, $3.00.**

Newmani. The flowers are single, golden-yellow, with black center; the plant grows 3 feet high and blooms from July to October. **Each, 30 cents; dozen, $3.00.**

Purpurea, or Giant Purple Cone Flower. Flowers reddish wine-purple. Grows about two to three feet high and blooms from July to October. **Each, 30 cents; dozen, $3.00.**

SALVIA PRATENSIS or Hardy Sage (For seeds see p. 73)

A very strong, hardy plant, twelve to eighteen inches high which bears showy spikes of deep blue flowers from June to September. **Each, 25 cents; dozen, $2.50.**

SEDUM, Stonecrop

Each, 25 cents; dozen, $2.50.

Excellent fleshy leaved plants for the rockery, carpet bedding, or covering graves.

Album. Low-growing; pretty white flowers.

Acre. A pretty species for rockwork; forms a neat green carpet.

Pulchrum. A low-growing variety. Flowers pink.

Spectabile. A strong upright grower, with heads of showy rose-colored flowers.

Telephium. The well-known "Live Forever." Flowers pink, spotted white.

SCABIOSA or Pin Cushion Flower (For seeds see pages 77 and 83)

Caucasica. One of the best hardy plants, producing beautiful lilac colored flowers from June until fall. 18 to 25 inches high. **Each, 25 cents; dozen, $2.50.**

SHASTA DAISY (For seeds see p. 83)

A fine hardy perennial, 12 to 18 inches bigh. The flowers are pure white, with a bright yellow center, average about four inches in diameter, and are borne on long, stiff, wiry stems. Valuable for cutting, remaining fresh for two weeks or more. **Each, 30 cents; dozen, $3.00.**

SPIREAS, Meadow Sweet or Goat's Beard

(For other Spireas see page 93)

ARUNCUS. A grand variety three to five feet high, producing in June, long feathery panicles of white flowers. **Each, 30 cents; dozen, $3.00.**

Filipendula (Dropwort). An old favorite garden plant, growing one to two feet bigh. Its fern-like leaves form a broad rosette, and its slender stems bear numerous small white and pink flowers in June and July. **Each, 30 cents; dozen, $3.00.**

Palmata elegans. A beautiful hardy, free-flowering plant, with sweet-scented white flowers and red anthers; a very attractive plant useful for cut flowers and excellent for hardy herbaceous borders. Blooms June and July; about three feet high. **Each, 30 cents; dozen, $3.00.**

SWEET WILLIAM or Dianthus Barbatus

(For seeds see page 83)

The best varieties of Sweet William have exceedingly beautiful colors, and are very large and almost perfect in form, with trusses of great size. They are fine as cut flowers. The plants are perfectly hardy. **Each, 25 cents; dozen. $2.50.**

Holborn Glory Sweet William. Mammoth flowers of beautiful shades. **Dunnett's Crimson Sweet William.** Dark crimson.

VALERIANA RUBRA (For seeds see p. 83)

An old-fashioned plant, about two feet bigh, which blooms from June to October. The flower heads are large and beautiful, bright red in color and of spicy fragrance. Its long spikes of fragrant flowers make it an excellent border plant and suitable for cutting.

Each, 25 cents; dozen, $2.50.

VERONICA—Speedwell (For seeds see p. 83)

Spicata. One of the prettiest of the spring flowering herbaceous plants, bearing pretty blue flowers in long spikes. Valuable both for the garden and for cut flowers. They should be in every garden. **Each, 25 cents; dozen, $2.50.**

Rupestris. A fine rock plant, growing three or four inches high, whose thickly matted green foliage is hidden in spring under a cloud of bright blue flowers.

Each, 25 cents; dozen, $2.50.

YUCCA—Spanish Bayonet (For seeds see p. 83)

Filamentosa. One of the most decorative and striking of the hardy plants. It is erect and stately, perfectly hardy, and has sharp pointed leaves and large spikes of creamy white bell-shaped flowers. It grows about four feet high and blooms in August.

Each, 30 cents; dozen, $3.00.

TRITOMA—Flame Flower

McOweni. A charming variety, coming into bloom very early; stems long, truss rather loose; color orange scarlet and yellow. **Each, 35 cents; dozen, $3.50.**

Pfitzeri. A great improvement on the old Tritoma uvaria grandiflora, or Red Hot Poker. The flower spikes which are produced with considerably more freedom than in the old variety, are of gigantic size; frequently 4½ feet high, with heads of bloom over twelve inches long, of a rich orange-scarlet, shading to salmon-rose at edge. Flowers from July until frost.

Each 35 cents; dozen $3.50.

TRITOMA

Our Nurseries are expanding, keeping pace with the growing demand for the newest, and best variaties of hardy plants

Vick's Hardy Lilies

A BED OF LILY LONGIFLORUM

THE LILY is renowned for its magnificent beauty, delicate charm and exquisite fragrance. It is invaluable for the hardy border, excellent for the perennial bed and attractive, as cut flowers, for the house. Knowing the satisfaction it will give, we recommend the Lily's use more extensively in the hardy border, and urge the introduction of at least a few varieties in the perennial garden. The varieties may be so chosen as to give a succession of bloom from the first of June until the latter part of August.

We are growing more varieties and larger quantities of Lilies each year on our own bulb farms, near Rochester, where, because of favorable soil conditions and our experience in Lily growing, we are able to secure unusually fine bulbs. Some of our Lilies come from Japan and other far-away places, but whether grown on our own farms or coming to us from other experts in Lily growing, you will find our bulbs to be true Vick Quality.

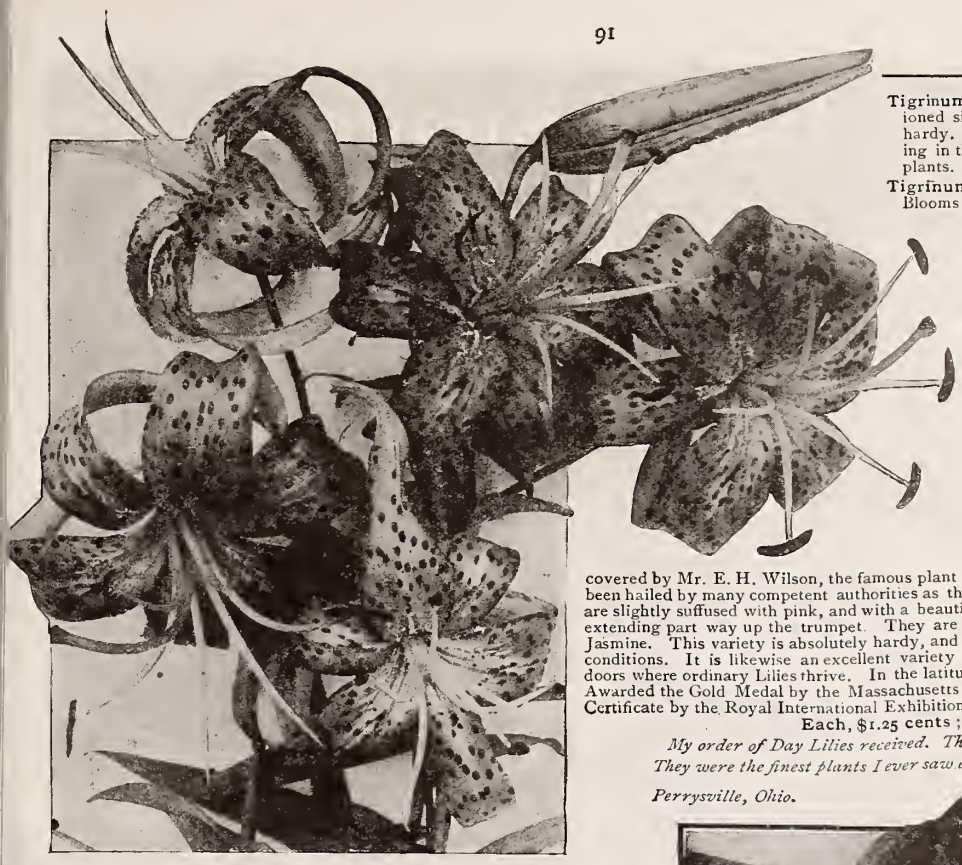
	EACH	DOZ.
Auratum, the Gold-Band Lily of Japan. A favorite variety for outside purposes. No garden, however small, should be without it. Its ease of culture and magnificent flowers of a delicate ivory color thickly dotted with chocolate-crimson spots with a gold band running through the center of each petal, make it one of the most desirable of garden lilies. Blooms about July 20th. Although quite hardy, for best results an extra covering should be given the bulbs in the winter. Three to five feet high. **Extra strong bulbs, imported direct from Japan.**	60	$6 00
Canadense. Our native Meadow Lily; flowers drooping, delicate scarlet-yellow throat, spotted black. Blooms about July 10th. 2 to 3 feet high.	35	3 50
Candidum. Common white lily; hardy, free bloomer, fragrant; known as Annunciation Lily or Madonna Lily. **Our bulbs are ready in August, and should be planted as early as possible in the fall.** Can be grown inside. Blooms in June.	35	3 50
Elegans, Indian Chief. Brilliant flame color; petals deeply colored at center with much lighter shade at margin.	35	3 50
Elegans Atrosanguineum. Dark blood red with dark spots. One of the very best dark varieties	35	3 50
Elegans Incomparable. Deep crimson, slightly spotted with black. Very showy	35	3 50
The above three varieties of Elegans bloom about July 1st.		
Elegans Batemanni. A beautiful Japanese variety; flowers upright, of clear apricot-yellow; strong and hardy; should have a place in every garden. Blooms about July 15th.	35	3 50
Elegans Wallacei. Flowers rich vermilion-orange, spotted with maroon. Blooms in the autumn. Fine	35	3 50
Speciosum Album. The Speciosum or Lancifolium are the most important of all the Japanese Lilies. Always satisfactory. The Album has large white flowers of great substance, with a greenish band running through the center of each petal.	60	6 00
Speciosum Rubrum. White and rose, rich crimson spots. Extra fine. Blooms profusely. Very satisfactory.	60	6 00
Speciosum Melpomene. Crimson, spotted with deep blood-red; each petal distinctly bordered with white. Same habit of growth as rubrum; stem dark and color of flower much deeper.	60	6 00
The above three bloom about August 15th.		
Japonicum longiflorum. The hardy Easter Lily. Very fragrant. White, trumpet-shaped. Blooms about the 20th of July.	40	4 00
Leichtlini Max. Orange-salmon with purple dots. Vigorous and showy. A refined "Tiger Lily." Blooms August 1st.	30	3 00
Tenuifolium. One of the most beautiful and delicate of the early-flowering varieties. Flowers dazzling vermilion-scarlet, suspended from slender, graceful stems; they are so bright as to attract attention from a great distance. The first to bloom.	30	3 00

LILIUM SPECIOSUM RUBRUM

Your letter and card received. Thanks for your very courteous treatment. I will certainly send you an order this fall.
Akron, Ohio, June 16, 1920. MRS. SARAH E. BILLYARD.

Have dealt with many of the leading firms, all good, but none have surpassed your firm. I am now nearing my 85th year.
West Olive, Mich., Dec. 19, 1919. W. W. RORK.

Received the goods ordered by me yesterday. Found the plant in very good condition and the paper you had the peony root in was still damp. Thanking you for your prompt attention, I am,
Warners, N. Y., May 7, 1920. MISS M. CLEVERLY.



LILIUM TIGRINUM—The Old-Fashioned Single Tiger Lily

	EACH	DOZ.
Tigrinum splendens. The old-fashioned single Tiger Lily. Perfectly hardy. Especially desirable for planting in the border with other hardy plants. Blooms about August 1st .	35	$3 50
Tigrinum fl. pl. Double Tiger Lily. Blooms about August 15th	35	3 50
Pardalinum. A California Lily resembling our native Canadense. Flowers red and yellow, with dark spots. Blooms about July 10th.	35	3 50
Superbum. Our native Turk's Cap Lily. Three to six feet high and bearing ten to twenty flowers. Yellow to orange-red, with dark spots. Blooms July 15th.	35	3 50

LILIUM MYRIOPHYLLUM
A New Lily

A variety of extraordinary merit discovered by Mr. E. H. Wilson, the famous plant collector, in Northwestern China. It has been hailed by many competent authorities as the Easter Lily of the future. The flowers are slightly suffused with pink, and with a beautiful shade of canary yellow at the center extending part way up the trumpet. They are delightfully perfumed, reminding one of Jasmine. This variety is absolutely hardy, and will do well in almost any soil or climatic conditions. It is likewise an excellent variety for forcing, and will bloom profusely indoors where ordinary Lilies thrive. In the latitude of Rochester it blooms early in July. Awarded the Gold Medal by the Massachusetts Horticultural Society, and a First Class Certificate by the Royal International Exhibition, London.

Each, $1.25 cents ; dozen, $12.00.

My order of Day Lilies received. They far exceeded my greatest expectations. They were the finest plants I ever saw anywhere. *G. G. Truman.*

Perrysville, Ohio.

Vick's Day Lilies

The Day Lilies are superb autumn flowers, desirable for planting on the side of a lawn or at the edge of shrubbery. They do well in shade and are much prized on that account. The plants can be set either in spring or autumn, and may be protected by a light covering of leaves the first winter after setting out.

White Day Lily—Funkia Alba. Broad, light green leaves. Flowers large, pure white, fragrant **Each, 30 cents ; dozen $3.00.**

Blue Day Lily—Funkia Japonica. Light blue; narrow foliage. **Each, 30 cents; dozen, $3.00.**

Variegated Leaved Day Lily—Funkia undulata media picta. Lavender Foliage light green, beautifully variegated with white. **Each, 30 cents; dozen $3.00.**

Hemerocallis aurantiaca major. Golden Day Lily. One of the very finest hardy herbaceous plants. The plant is extremely vigorous in its habit. The large and attractive foliage rises to a height of two feet, and is of a deep green. The flower spikes are strong, bearing in succession as many as twelve flowers which are seven to eight inches across; of a rich orange-yellow. A very remarkable variety. **Each, 30 cents ; two for 50 cents.**

Hemerocallis flava. Lemon Lily. A fine, hardy plant, producing an abundance of large, fragrant, golden-yellow flowers. **Each, 30 cents; dozen; $3.00.**

Hemerocallis Dumortieri. Very dwarf, flowering in June. Flowers rich yellow; buds and reverse of petals bronze yellow. **Each, 30 cents ; dozen, $3.00.**

Hemerocallis Middendorfii. The earliest to bloom. Flowers bell-shaped, rich chrome yellow. Blooms early in May. Two feet high. **Each, 30 cents ; dozen, $3.00.**

VICK'S DAY LILY COLLECTION

FIVE VARIETIES OF LILIES, $1.25. White Day, Lemon Day, Golden Day, Variegated Leaved Day, Blue Day, A Complete Collection of Fine Varieties Postpaid to Your Door for $1.25.

VICK'S SUPERB LILY COLLECTION

Six Extra Choice Varieties Delivered at Your Door, Postpaid, for $2.00. Auratum, Rubrum, Melpomene, Album, Elegans Incomparable, Tigrinum Splendens. Six varieties, carefully selected for garden planting, $2.00.

No garden is quite complete without a few lilies. In the hardy border, in perennial beds, in almost any setting they are superb

ALTHEA

Rose of Sharon. Beautiful, erect-growing shrubs, of the easiest culture, bearing large showy flowers in early fall. Very desirable because it flowers when few other shrubs are in bloom. Grows three feet high. **Double Red, Double White and Double Pink. Each, 75 cents; dozen, $7.00**

BERBERIS—BARBERRY

Japanese. A handsome low-growing form of the Barberry, of Japanese origin. Foliage abundant, leaves small, obovate; flowers reddish; berries bright crimson. In autumn the leaves turn a bright red, making a fine display. A beautiful plant for the lawn or the front of the shrubbery, or for a low-growing ornamental hedge **Each, 75 cents; dozen, $7.00, postpaid.**

Special prices on larger quantities for hedges and large plantings.

CALIFORNIA PRIVET

The best known plant for hedges. It is very hardy, grows rapidly, and produces very abundant foliage. Can be trimmed frequently to conform to the individual idea of beauty and symmetry.

Plants, 12 to 18 inches 85 cents for ten; $6.00 per hundred
" 18 to 24 " $1 00 for ten; $7.50 per hundred.
" 24 to 36 " $1.25 for ten; $9.00 per hundred.

By Express or Freight, collect.
Special prices on larger quantities.

CALYCANTHUS or Sweet-Scented Shrub

Very desirable on account of the peculiar and very pleasing fragrance of its wood. The foliage is handsome and the flowers are of a rare chocolate color, with an agreeable perfume. It blossoms in June and at intervals throughout the summer. Attains a height of six to eight feet.

Each, 75 cents; dozen, $7.00.

CORNUS or Dogwood

Cornus Elegantissima. One of the finest variegated shrubs; of rapid growth; the leaves are broadly margined with white, while some are entirely white. **Each, 75 cents; dozen, $7.00.**

Cornus Mascula. (Cornelian Cherry). A small tree, native of Europe, producing clusters of bright yellow flowers early in spring before the leaves start **Each, 75 cents; dozen. $7.00.**

What Some Of Our Customers Say

Kingston, N. Y., Aug. 19, 1920.

The Butterfly bush sent by you last fall is in blossom and I am very much pleased with it It is a very fine plant.

Edna S. Wood.

Lynn, Mass.

The Hydrangea arrived all O. K. and we are pleased with them.

H. O. SWAIN.

The shrubs especially from your house, have grown beyond all comprehension. A Rambler Rose this last summer nearly covered one side of a large piazza, and I supplied nearly the whole town with big bunches of blossoms from June until September.

Dec. 13, 1920. *MRS. B. W. JEWETT.*

At the prices quoted here we send hardy shrubs by parcel post or express prepaid to all points east of the Mississippi River except as noted.

FORSYTHIA (Golden Bell)

Forsythia Fortunei. These splendid old shrubs, growing eight to ten feet in height, light up the garden with glinting masses of yellow before the leaves appear in the early spring. Their bright golden flowers, often appearing before the snow is gone, vie with the Crocus as harbingers of spring.

Each, 75 cents; dozen, $7.00.

Suspensa. (Weeping Golden Bell). The long willowy branches arch very gracefully over to the ground, and are covered to the tips with trumpet-shaped yellow flowers in early spring.

Each, 75 cents; dozen, $7.00.

EVERBLOOMING BUTTERFLY BUSH

BUDDLEIA

The Buddleia is a magnificent new shrub that has given unbounded satisfaction wherever grown. It is perfectly hardy, thrives in all sorts of soils, grows vigorously from two to three feet high, and blooms the first season from spring planting. Add to this the extreme beauty of its flowers, which are borne in great profusion throughout the summer and continue until cut down by severe frost, and the fact that it also makes a splendid pot plant, and you have the explanation of its rapid growth in popularity since its recent introduction.

The flowers of the Buddleia are extremely beautiful. They are of a soft shade of lilac in color and are borne in dense cylindrical pikes, which, under liberal cultivation, are from twelve to fifteen inches in length and three inches in diameter They have a very pleasing fragrance.

In the spring the old plants should be cut back to the ground and they will throw up a fresh, strong growth.

Extra large field grown plants, each, 75 cents; dozen, $7.00.

EVERBLOOMING BUTTERFLY BUSH

The Butterfly Bush with its charmingly graceful spikes of bloom should have a prominent place in the border or on the lawn

SPIREA PRUNIFOLIA OR BRIDAL WREATH
Slender, Drooping Limbs, Entirely Covered with Double White Flowers

SPIREA

MEADOW SWEET

The Spireas are the best known and most popular of all the flowering shrubs. The different varieties cover a long season of bloom and produce blossoms of many different colors. We give a list of the best varieties in many colors.
Strong Plants, 75c; dozen, $7.00.

Arguta. Flowers clear white and freely produced. The best very early-flowering white Spirea grown.

Anthony Waterer. Very low growing, and bearing flat heads of deep rose blossoms all through the late part of the summer. Grows six feet high.

Bumaldi. The ever-blooming Spirea. Dwarf and compact in habit; leaves are bright green, with variegations of yellow; flowers deep pink. Blooms throughout the Summer and Autumn. Very desirable shrub.

Aurea. (Golden Spirea). One of the best of our yellow leaved shrubs. Golden yellow during the whole Summer.

Callosa alba. Dwarf White Spirea. A valuable, white flowering, dwarf shrub, one to three and one-half feet high, of bushy, symmetrical form, which flowers all summer.

Prunifolia or Bridal Wreath. One of the best and most admired of the early flowering varieties. This beautiful shrub, which comes from Japan, is very hardy and of medium size, attaining a height of from four to five feet. In May, its slender, drooping limbs are entirely covered with exquisite pure white double flowers, resembling daisies, which remain in bloom for weeks. The blooming Prunifolia presents an attractive spectacle worthy of a place in any garden.

Van Houttei. This is one of the finest and most satisfactory of all Spireas and and a leader among shrubs. Planted singly or in groups on the lawn, in front of the porch, in shrub borders or in a hedge, it makes a beautiful ornament at all seasons. It is very hardy and of compact habit, forming a round and graceful bush with arching branches. Van Houttei Spirea is well covered with neat, green foliage, which in early summer is completely hidden beneath clusters of beautiful large pure white flowers. Our illustration on the preceding page gives a splendid idea of its effective use in the shrub border.

Thunbergii. (Thunberg's Spirea). April and May. Low-growing, rounded form, delicate, drooping, yellowish green, lanceolate leaves, which take on and retain the most beautiful tints in Autumn. Small abundant white flowers in May. For planting in front of porches it has no rival.

DEUTZIA

Each, 75 cents; dozen, $7.00.

The Deutzia is a native of Japan. It is a hardy shrub of fine habit, luxuriant foliage, and a profusion of attractive flowers which bloom from June to September. Our plants of this beautiful and popular flowering shrub are strong and well rooted.

Crenata latifolia. New. Large panicles of eighteen to twenty single blossoms. The flowers are pure white with a center of golden yellow. Very attractive. Strong plants.

Crenata Magnifica. New. A great acquisition. The pure white double flowers are over an inch in diameter. The plant is vigorous and the flowers are borne in large trusses. Strong plants.

Lemoinei. Flowers single, pure white, and entirely covering the branches. Strong plants.

Pride of Rochester. One of the finest varieties, producing large, double white flowers; the backs of the petals being slightly tinted with rose. Blooms early in June. Strong plants.

Candida. Profuse-flowering; generally hardy, and well adapted to ordinary soils. Double pure white flowers, borne in panicles. Strong plants.

HYDRANGEAS—Hills of Snow

Arborescens. This magnificent American Hydrangea is the most beautiful hardy flowering shrub introduced in many years. It attains a height of five to six feet, and about the same breadth. It is of far more graceful habit than Hydrangea Paniculata Grandiflora. The form of the panicle is much like that of Hydrangea Hortensis. Trusses large and beautifully formed; the blooms are of the very largest size, pure snow white; the foliage is finely finished. Fine, strong, well-grown plants. **Each, $1 00; doz. $10.00.**

Paniculata Grandiflora. One of the finest hardy shrubs in cultivation. The flower trusses are immense heads from nine to twelve inches in length and nearly as broad. Color purest white, afterwards changing to deep pink as the season advances. It blooms in July, at a time when few other shrubs are in flower and remains beautiful until destroyed by frost. Hardy as a lilac bush. The plants we offer will all bloom the first season.

Each, $1.00; dozen, $10.00.

Parcels Post or Express prepaid on all shrubs at these prices.]

HYDRANGEA PANICULATA GRANDIFLORA

Immense Cone-Shaped Heads of White Flowers, Turning Late in the Season, to Shades of Pink and Red.

Spirea Van Houttei is the most widely planted and popular of all the Spireas. **See picture on page 92 of this book**
Hydrangea Arborescens is rightly called Hills of Snow; a mass of pure white flowers cover the bush nearly all season

LILACS

Lilacs have always been popular on account of their hardiness, vigorous growth, abundant foliage and graceful and luxuriant sweet-scented flower panicles. The large flowered Red, White and Purple, are among the most desirable tall growing shrubs, attaining a height of eight to ten feet. The named varieties grow somewhat smaller.

At Highland Park in Rochester, which has one of the most complete collections of lilacs anywhere in the country, the varieties we list here stand out preeminently as the most desirable, because of their hardiness, vigor, free-blooming qualities and beautiful shades.

Large flowered, red. Purple-red flowers, standard variety. $1.00 each.

Large flowered, purple. Bluish-purple flowers, standard variety; always good. $1.00 each.

Large flowered, white. Cream white flowers; very fine. $1.00 each

Pres. Grevy. The most popular blue variety. A profuse bloomer; flowers double, blue and very fragrant. $1.00 each.

Charles X. Large shining leaves; trusses large, rather loose, flowers single, reddish-purple. $1.00 each.

Ludwig Spaeth. Planted very extensively in all parts of the country. Trusses large, flowers single purplish red. Very desirable. $1.00 each.

Frau Dammann. One of the most popular and a leading variety. Large panicles of single white flowers, in great profusion. $1.00 each.

Josikaea (Josika's or Hungarian Lilac). Dark, shining leaves, and purple flowers in June, after the other Lilacs have done flowering. $1.00 each.

At the above prices lilacs are sent by Express or Freight collect.

SAMBUCUS or Elder

Aurea. (Golden Elder.) A large, golden-leaved bush. Thrives best in sunny places. One of the best of yellow shrubs. **Each, 75 cents; dozen, $7.00.**

SNOWBALL

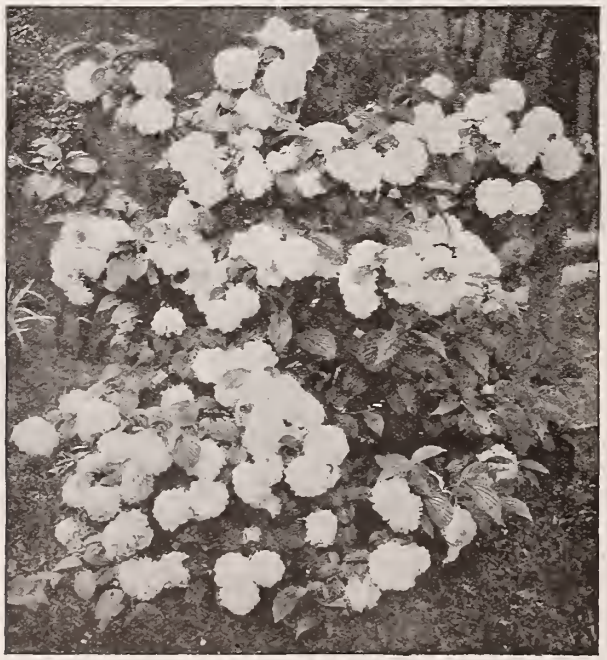
One of the most handsome of our hardy flowering shrubs. The globular clusters or balls of snow-white flowers on a background of rich, dark green, crinkled foliage makes a wonderfully beautiful sight in any setting. These balls of white, 4 to 5 inches in diameter, fairly cover the bush which often attains a height of 8 to 10 feet.

Viburnum plicatum. Japan Snowball. The pure white flowers are very lasting, and the beautiful foliage adds greatly to its attractiveness
Each, 75 cents; dozen, $7.00.

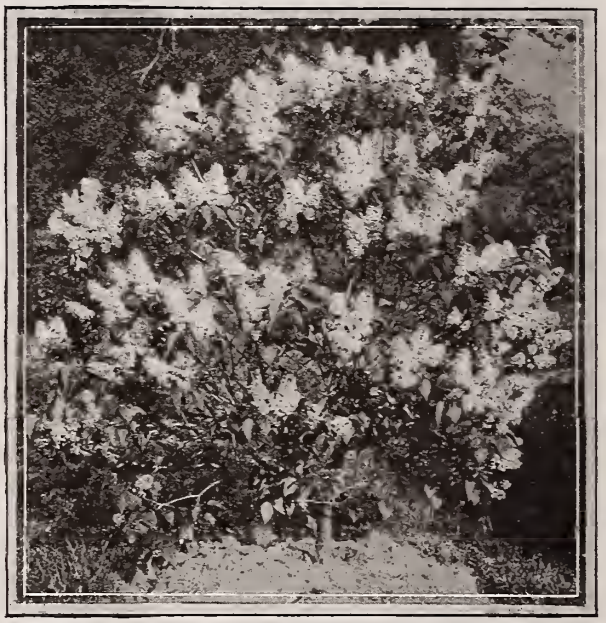
Viburnum Opulus sterilis. The well-known Snowball. Produces large clusters of snow-white flowers in May. **Each, 75 cents; dozen, $7.00.**

Received order all O. K. Many thanks from
Arnot, Pa. *MRS. D. WYLIE.*

This will advise you that I received last evening the White Lilac and the Spirea which were certainly fine.
Philadelphia, Pa. *M. WM. FRED'K BAUMGARTEN.*



JAPAN SNOWBALL



THE POPULAR AND WELL KNOWN LILAC

SYRINGA (Mock Orange)

A graceful, very attractive shrub, bearing profusely white, showy, very fragrant flowers. It is well adapted for massing or for individual specimen plants. It thrives on any well-drained soil and even under trees. Pruning should be done immediately after flowering.

Syringa, Common. Large white flowers. Very hardy.
Each, 75 cents; dozen, $7.00.

Syringa, Golden. Large, deep yellow leaves; white flowers; bush hardy.
Each, $1.00; dozen, $10.00.

TAMARIX

Hardy shrub, with very graceful and handsome feathery foliage. The plant flowers so freely that in the early summer it is one mass of pink bloom, completely hiding the foliage **Each, 75 cents; dozen, $7.00.**

WEIGELA

The Weigela is a strong growing shrub, erect while young, gradually spreading and drooping into most graceful shapes with age. Its flowers, large and trumpet-shaped, are borne in clusters thickly along the branches. Blooms soon after Lilac.

Candida. This is the very best of all the white flowering Weigelas. A strong, upright, erect grower; flowers pure white, and produced in great profusion. Commences to bloom in June and continues throughout the entire summer.
Each, 75 cents; dozen, $7.00.

Eva Rathke. A charming new variety; flowers a beautiful, distinct, clear shade of crimson. Blooms twice during the season.
Each, 75 cents; dozen, $7.00.

Rosea. A hardy and beautiful shrub, bearing in May a profusion of rose-colored flowers. **Each, 75 cents; dozen, $7.00.**

Variegated Leaves variegated, green, yellow and pink. Flowers delicate rose and pink. A charming shrub. **Each. 75 cents; dozen, $7.00.**

At prices named we prepay parcel post or express charges on shrubs to all points east of the Mississippi River, except as noted.

My order of raspberries, strawberries, cherry tree and rose have come to the great satisfaction of both myself, friends and neighbors. Everything came through in splendid condition and were very nice products. Words fail me in trying to show how I appreciate your kindness. A number of persons have admired them. I am very sorry I forgot to order a nice grape since, but will have to call in the early fall.
Kansas City, Kansas. *MRS. GOTTA M. BENNETT.*

We shall be pleased to make special quotations on large quantities of shrubs and plants for extensive plantings.

WISTARIA

WISTARIA
Chinese Purple

Wistaria is a strong, rapid grower, desirable for trellises, porches, etc. When well established it blooms profusely. The light purple flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Perfectly hardy.

Strong Roots, each, 75 cents; dozen, $7.00.

TRUMPET VINE

Tecoma radicans. A fine, hardy, climbing plant, producing clusters of large, trumpet-shaped, orange-scarlet flowers about three inches long. The foliage also is very beautiful. If the tops are kept cut back it makes a beautiful bush for the lawn.

Each, 75 cents.

CLEMATIS

Clematis is a favorite climbing plant for trellises, porches, and fences. It makes a rapid growth, producing its showy flowers in great profusion. Its abundant foliage and wealth of bloom combine usefulness with beauty.

Henryii. Single; the finest white Clematis; very large, fine flowers; grows rapidly; blooms freely during summer and autumn. **Each, $1.00; dozen, $10.00.**

Jackmani. Flowers large, intense violet-purple; produced in great profusion, blossoms from four to six inches in diameter. The most beautiful hardy climber in cultivation. **Each, $1.00; dozen, $10.00.**

Madame Edouard Andre. A valuable variety; distinct color; of fine bright crimson, with no purplish shade about it. Large flowers, borne so profusely that it is called Crimson Jackmani.

Each, $1.00; dozen, $10.00.

Paniculata. A remarkably beautiful climbing plant. Flowers pure white, star-shaped, about one inch in diameter, borne very freely in large clusters; will last several days as cut flowers, retaining their freshness and fragrance. The plant is a strong, quick grower. One of the most desirable and useful of climbing plants. **Each, 1.00; dozen, $10.00.**

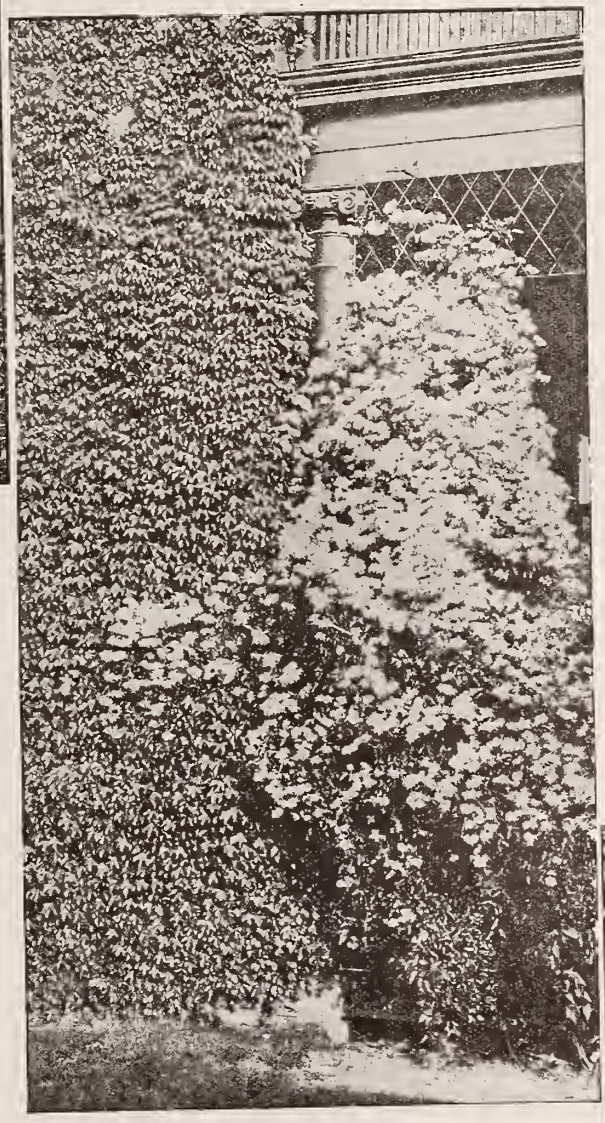
AMPELOPSIS

Veitchii. Japanese or Boston Ivy. This hardy variety clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. In autumn this handsome climber manifests its greatest beauty, becoming a glowing mass of the brightest shades of crimson, scarlet and orange.

Strong vines, each, 75 cents; dozen, $7.00.

Quinquefolia, American Ivy or Virginia Creeper. A native climber of vigorous growth; a fine green in summer, changing to rich crimson in fall. It affords shade quickly; desirable for covering walls, verandas or trunks of trees.

Strong vines, each, 75 cents; dozen, $7.00



BOSTON IVY AND CLEMATIS PANICULATA

AKEBIA QUINATA

A hardy, strong growing, Japanese climbing plant, with curious purplish flowers, ornamental berries and handsome compound leaves, composed of five leaflets. An interesting plant. **Each, 75 cents; doz., $7.00.**

CINNAMON VINE

A very rapid climber of incomparable beauty, with flowers of exquisite perfume. The growth is very rapid and the vines cover a large space in a short time. It is grown from a tuber, is perfectly hardy and will live out of doors without protection. The vine dies to the ground each fall, and starts growth early in the spring.

Tubers, Each, 25 cts.; dozen, $2.50.

ENGLISH IVY

Extensively used for window boxes and vases in the summer. For outdoor display in window boxes at hotels and private residences its value is widely recognized. A good climbing plant for the house.

Each, 50 cents; doz., $5.00.

HONEYSUCKLE

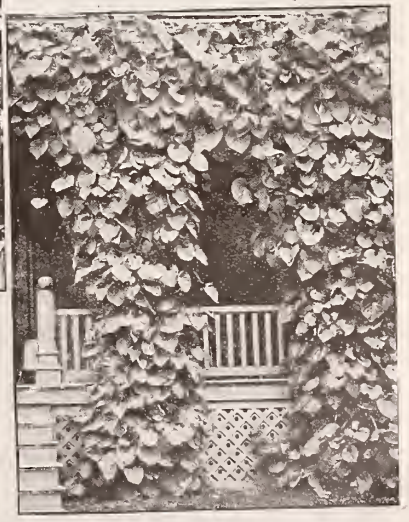
Hall's Japan. A vigorous rapid growing nearly evergreen climber, native of Japan. Leaves are dark green and produce a dense covering. Flowers are white changin to yellow, deliciously fragrant, borne in great profusion in summer and sometimes in Autumn.

Each, 75 cents.

DUTCHMAN'S PIPE

Aristolochia Sipho. The Aristolochia is a floral curiosity. It is a rapid growing hardy climber, attaining a height of thirty or more feet.

Strong plants, each, $1.50.



DUTCHMAN'S PIPE

The illustrations above show four of the hardiest and best climbing vines. Shade your porches with one or more of them

VICK'S HARDY ROSES

MAMAN COCHET PINK

Strong, Field Grown Plants, Each, $1.25; dozen, $10.00.

Parcel Post or Express prepaid

EVERBLOOMING HYBRID TEA ROSES

The day has come when the Hybrid Tea or Everblooming variety has found its place at the head of all roses for garden culture. Here we have a rose with the free flowering qualities of a Tea Rose, the hardiness necessary for outdoor planting, and the rich, brilliant and varied colors of all other classes. Too much cannot be said in praise of the roses belonging to this wonderful family. A garden of these varieties is a vision of beauty from May until late fall.

Premier. A wonderful clear shade of rosy-pink deepening in color in cooler weather. A remarkably vigorous grower, producing a profusion of beautiful blooms on strong, stiff, thornless stems.

La France. An old garden favorite, unexcelled in form. Flowers are a lovely clear satiny pink, very fragrant.

Frau Karl Druschki. White American Beauty. A new hardy Rose and a grand variety. The flowers are large and full; bud long; color a pure white. The plant is a very vigorous grower and produces flowers throughout the season. Sometimes called the Snow Queen.

Gruss an Teplitz. Color a rich scarlet, shading to velvety crimson; very fragrant; a free, strong grower, and the most profuse bloomer known to us, being covered with flowers the whole season. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color.

Juliet. Color on outside old gold; inside a rich, rosy red, changing to deep rose as the flowers expand. Good shape, deliciously fragrant.

Killarney Pink. A rose that has won fame both as a hardy garden variety and as a winter cut flower. The long, pointed, sparkling, brilliant pink buds, and the very double full blown flowers are very handsome. A free flowering, hardy, strong growing variety, and one of the best that can be planted.

Maman Cochet Pink. The queen of all pink garden roses. The buds are full, large, and firm. The color is a rich pink, changing to silvery rose. The flowers are perfectly double, extra large, and of splendid substance.

Hardy Perpetuals

Strong Field-Grown Plants, each, $1.25; dozen, $10.00.

Paul Neyron. A rose of immense size. One of the largest in existence Deep rose in color. It has very attractive foliage. Very vigorous and hardy.

Gloire de Chedane Guinoisseau. Flowers of brilliant vermillion-red, with velvety shadings exceptionally large and full.

Persian Yellow. A deep golden yellow. Flowers are nearly double and borne in immense clusters. The plants are a perfect mass of flowers in June.

Gen. Jacqueminot. Rich crimson-scarlet, very bright and velvety. It produces beautiful buds that are much admired, and in great demand.

Mrs. John Laing. Delicate pink; large, fine form; very fragrant, Flowers continuously the entire season in the open ground.

Soleil d'Or, or Sun of Gold. This magnificent variety is perfectly hardy, robust and vigorous, making a growth to about three feet in height. The buds are conical-shaped, of a lovely hue, the flower when expanded being well incurved and about three and one-half inches in diameter. Superb in color, varying from gold and orange-yellow to reddish gold, shaded with nasturtium-red.

Vick's Caprice. Large, fragrant, attractive rose of satiny pink, distinctly striped and shaded with white and bright carmine. Blooms at frequent intervals throughout entire season. Very hardy and vigorous.

CAROLINE MARNIESSE

A Hardy Rose. Unequalled for Cemetery Planting

The flowers are creamy white, medium size, very double and sweetly tea-scented. There is not a week from late in May till the middle or latter part of October that large quantities of blossoms cannot be picked from these plants. Growth low and somewhat spreading, making it especially valuable for the borders of beds and for massing. **Each, $1.00; dozen, $9.00.**

Received the Lady Hillingdon Rose and Anemone Whirlwind in fine condition. Seattle, Wash., Nov. 8, 1920. MRS. A. L. FREDRICKSON.

Rose plants received to-day in good condition. South Shaftsbury, Vt., Nov. 1, 1920. MRS. R. H. MIRFIELD.

Pot Plants for House Culture

Hardy Everblooming Roses

One year green plants, with foliage, ready to bud. Hardy enough to do well in the garden if set out after cold weather.

Each, 35 cents; doz., $3.50

Gruss an Teplitz. Color rich scarlet; very fragrant.
Maman Cochet. Rich pink, changing to silvery rose.
Mons. R. Arnand. Deep pink, beautifully tinted; finely formed.
Ophelia. Salmon-flesh, shaded with rose.
Sunburst. Orange copper or golden yellow; strong grower.
White Cochet. Beautiful snowy white.
White Killarney. Soft, pure white; very popular.

Tender Everblooming Tea Roses

One year green plants ready to bud. These roses are tender and must be grown indoors except in warm climates, where they may be planted and will do well out-of-doors.

Each, 35 cents; doz., $3.50

Lady Hillingdon. Golden yellow; long, pointed buds.
Madame Camille. Rosy flesh color; very large.
Madison. Creamy white, large flowers.
Mrs. Ben. R. Cant. Clear, bright rose-red; all season.
Perle des Jardins. Deep yellow; very popular.
Sunrise. Orange and copper, scarlet and yellow; very beautiful.

Large dividends of flowery delight may be obtained from a small investment in Vick's Hardy Everblooming Roses

Vick's Hardy Climbing Roses

Hardy Climbing Roses can be used to such great advantage in so many ways that they are always a popular variety. They may be trained over porches, trellises, arbors or fences, or be grown as individual plants, and they soon form beautiful bushes more ornamental than many shrubs. They may be trimmed to any shape or height desired.

Dorothy Perkins. In foliage, growth, and habit of blooming it is remarkably like the Crimson Rambler, but the flowers are more double and of a beautiful shell-pink color, and hold a long time without fading. The flowers are also sweetly scented, a characteristic not possessed by most Roses of the Rambler family.

Strong, two-year plants, each, $1.00; dozen, $9.00.

The Philadelphia Rambler. A cross between the popular Crimson Rambler and the fiery crimson Hybrid Perpetual Victor Hugo, and identical with the Crimson Rambler except that the color is brighter crimson, and never fades; a valuable acquisition to the climbing roses.

Strong, two-year plants, each, $1.00; dozen, $9.00.

Lady Gay, Rose of the highest merit. Resembles Crimson Rambler in habit and general effect. The flowers are of a delicate cherry pink color, fading to soft white, of good size and delicately perfumed. The foliage is very profuse and of a glossy deep green shade. The plant is a vigorous grower and perfectly hardy.

Strong, two-year plants, each, $1.00; dozen, $9.00.

Tausendschon—Thousand Beauties. Tausendschon well deserves its name, "The Rose of a Thousand Beauties" Its free flowering qualities and beautiful white and delicate pink blossoms make it a favorite. It is grown in large quantities for winter forcing. The flowers are borne in large clusters from June to August. Each flower measures about one and a half inches in diameter, and is of a beautiful soft rose color, changing to rosy-carmine. The plant is of strong, vigorous growth, perfectly hardy, and a good variety to plant where a strong climber is desired. The shining, dark green foliage is never attacked by disease or insects.

Strong, two-year plants, each, $1.00; dozen, $9.00.

Climbing American Beauty. This is known as the best hardy climbing rose in the large-flowering class. The flower is as large, as beautiful, and as double as the American Beauty, which is so well known as one of the most attractive roses, that it does not need a description. The bush is a rapid grower, very hardy, has fine, abundant foliage, flowers very profusely, and has proven a success wherever it has been planted

Strong, two-year plants, each $1.00; dozen, $9.00.

Red Dorothy Perkins. This is a recent introduction and the acclaim with which it has been received assures it a foremost place among the Hardy Climbing Roses. The flowers are large and double and are produced very freely. The color, which is an intense, clear crimson-maroon with tips of petals tinged scarlet, remains bright and unfaded throughout the blooming period.

Strong, two-year plants. each $1.00; dozen, $9.00.

The Rambler Roses

Strong, two-year plants, each, $1.00; dozen, $8.00.

Crimson Rambler. The Old Favorite Rambler Rose. Bright crimson flowers in great clusters.

White Rambler. Another favorite growing like Crimson Rambler, with white flowers in great clusters.

Pink Rambler. Beautiful pink clusters of flowers in great profusion.

Yellow Rambler. Deep golden-yellow flowers in large clusters, covering the entire bush.

The Above Rambler Collection—One Plant of Each Color—The Four Plants $3.50.

Too much cannot be said in favor of the Climbing American Beauty. It is giving complete satisfaction wherever planted

Dwarf Rambler Roses

Crimson Baby Rambler. A Dwarf Rose that blooms from early June to December. This beautiful rose produces clusters of flowers as large as the old Crimson Rambler. The color is a charming brilliant red, and it blooms with great profusion. As a pot rose it has few equals, as it blooms continuously.

Strong, two-year field grown plants, each 75 cents; dozen, $8.00.

White Baby Rambler. This rose is a little beauty, with pure white double flowers. A constant bloomer, and as grand a bedder as the Crimson Baby Rambler.

Baby Dorothy. Clear pink. A dwarf form of the climbing rose, Dorothy Perkins, which it resembles in foliage and color of flower. The flowers are produced in large clusters.

Baby Tausendschon. Dwarf form of the climber of the same name. Truly a "Rose of a Thousand Beauties." A mass of lovely pink and white blossoms born in clusters.

Vick's Moss Roses

The peculiarities of the Moss Roses are the delicate prickles which crowd their stems, and the beautiful mossy covering of their opening buds. They are strong, vigorous growers, and are perfectly hardy.

Each, $1.00; dozen, $9.00.

Henri Martin. A magnificent Moss Rose. Extra large and perfectly double. Color a deep rosy carmine, shaded a bright crimson.

Madam de la Rochlambert. Bright pink.

Princess Adelaide. Pale rose; good in bud and flower; foliage dark.

White Bath. Pure white Best of the white Moss Roses.

The climbing roses have arrived. I am delighted with the bushes—so large and thrifty. Thank you.

I am planning a rose garden in the near future, and that success may crown my efforts in that line, I shall, of course, order my roses of the "Old and reliable" house of Vick's.

Brownville, N. Y. *MRS. H. R. W. COLE.*

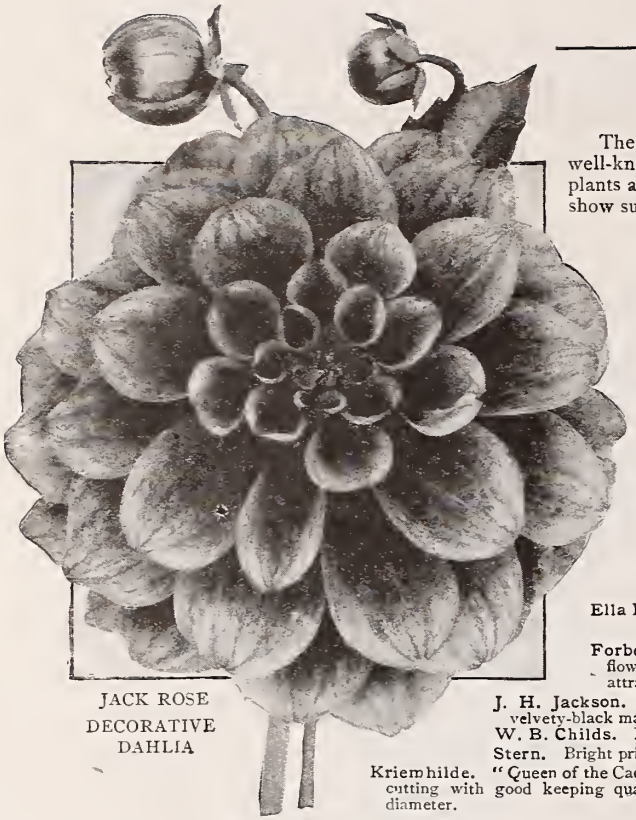
A Few Suggestions For Growing Roses

All hardy roses should be dormant when shipped. If they have been delayed in transit and appear very dry upon arrival, do not soak them in water, but bury them, roots, branches and all in damp soil for several days Then plant carefully after having removed all broken and bruised roots with a sharp knife. Make the holes large enough to take all roots, spread carefully out. Set the bushes with the crowns or collars, where the branches start, two or three inches below the surface of the soil. Pack fine earth solidly around the roots, adding a liberal quantity of water when the holes are partly filled. The surface soil should be left loose or covered with a mulch of straw or leaves to prevent the ground baking. Trim the branches back to within 8 or 10 inches of the ground. Hybrid Perpetuals should be cut back more severely, usually to the second or third bud.

Vick's Dahlias

The splendid qualities and gorgeous beauty of the present-day Dahlia are so well-known that it hardly seems necessary for us to emphasize them here. No plants are easier to grow, respond more readily to care, flower more freely, and few show such a wide range of color. A great deal of work has been done on Dahlias in the past few years, and there are many new and improved varieties on the market. Our list has been completely revised to take in all of the best of the new sorts, retaining, of course, all of the old standbys.

The Dahlia should be planted about May first, in a moderately rich soil, covering the tubers 3 inches deep. Thin to one or two shoots, and when the plant is 6 inches high, cut it off above the second joint to make it bush out. Give plenty of water and sunshine. Stir only the surface soil.



JACK ROSE DECORATIVE DAHLIA

CACTUS DAHLIAS

The Cactus Dahlias have large, loosely-formed, Chrysanthemum-like flowers. The long, narrow petals are variously rolled or twisted. The flowers, many of which nod on long, slender stems, are the most graceful and artistic of all the Dahlias.

Bornemann's Liebling. Very delicate, soft rose-pink. Extra fine. Each, 30 cents; dozen, $3.00.

Countess of Londsdale. Rich salmon, tinted apricot. One of the easiest of all the Cactus Dahlias to grow, and produces more blooms than any other Cactus Dahlia grown on our farm. Each, 35 cents; dozen, $3.50.

Ella Kramer. A lovely rose-pink with much brighter center. Well-shaped flowers. Each, 30 cents; dozen, $3.00.

Forbes Robertson. Beautiful reddish-orange flowers having long, slender star-shaped flowers, intermingled with narrow thread-like secondary florets, making it very unique and attractive in appearance. Each, 30 cents; dozen, $3.00.

J. H. Jackson. One of the largest and finest Cactus Dahlias. In color, a perfectly gorgeous, deep velvety-black maroon. Each, 30 cents; dozen, $3.00.

W. B. Childs. Rich deep maroon, purple shadings. Flowers very large. Each, 35 cts.; doz., $3.50.

Stern. Bright primrose-yellow. Very attractive. Each, 30 cents; dozen, $3.00.

Kriemhilde. "Queen of the Cactus Dahlias." An exquisite combination of ivory-white and pink. A fine variety for cutting with good keeping qualities. Produces an abundance of mammoth flowers frequently five inches or more in diameter. Each, 30 cents; dozen, $3 00.

DECORATIVE DAHLIAS

Decorative Dahlias are intermediate between Cactus and Show. The massive flowers are not so globular as those of the Show, and the petals are broad and somewhat flattened.

Clifford W. Bruton. Canary yellow. Large, long-stemmed flowers. Free flowering. A very useful color Each, 30 cts.; dozen, $3.00.

Dolly or Sylvia. White, edged pink. Very attractive. Ea. 25c.; doz. $2.50.

Jack Rose. Rich glowing crimson, like the favorite old Rose, General Jacqueminot. Blooms early and profusely. The standard red dahlia. Each, 25 cts.; doz., $2.50.

Prince of Orange. Orange, overlaid with crimson-yellow. Each, 30c.; doz., $3.00.

Princess Juliana. Flowers pure white, of good form. Ea., 35c.; doz., $3 50.

Mina Burgle. One of the finest of the new introductions of gigantic and remarkable beauty. Color, glowing brilliant scarlet. Each, 35 cents; dozen, $3.50.

Minos. One of the finest dark Dahlias ever introduced. Intense, velvety maroon, almost black. Long, graceful, wiry stems. Each, 30 cents; dozen, $3.00.

Souvenir de Gustav Doazon. Largest Dahlia in existence. A pleasing shade of orange red. Flowers are very full and often measure 9 to 12 inches in diameter. Each, 40 cents; dozen. $4.00.

PEONY-FLOWERED DAHLIAS

This type is growing greatly in popularity. Flowers are semi-double, having broad, flat, loosely arranged petals, surrounding a golden yellow center. Petals are usually pointed and twisted, giving them a fluffy graceful appearance.

Madonna. A magnificent new Dahlia of remarkable beauty. Flowers are a beautiful white, very slightly tinted with a delicate shade of lavender-pink. Long, graceful stems of wiry stiffness. Petals are curled and twisted in a most pleasing and unique manner. Each, 40 cents; dozen, $4.00.

Queen Wilhelmina. Largest and finest of the pure white sorts. Large fluffy flower, showing its golden yellow center prominently. Each, 30 cts.; dozen, $3.00.

Prince Camille. A very large crimson-red. Most satisfactory in color and shape. Each, 30 cents; dozen, $3.00.

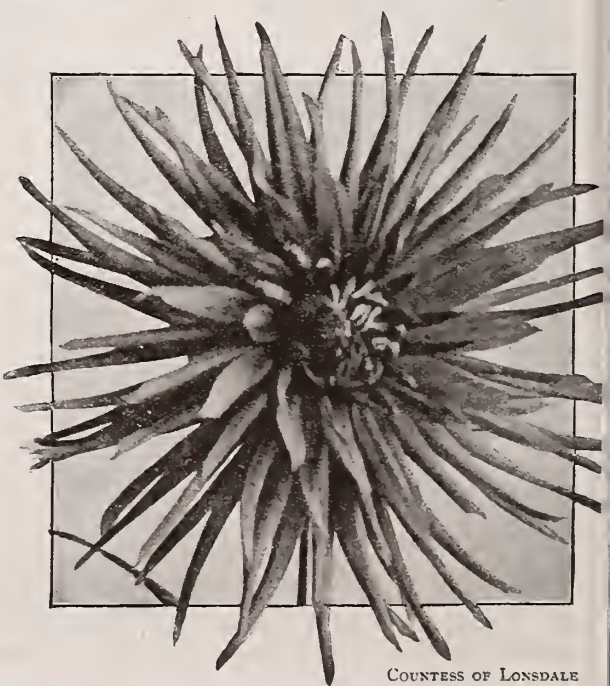
Glory of Baarn. A very attractive shade of soft Pink. Fragrant. Ea. 40c; doz. $4.00.

La Rainte. Beautiful lavender-pink. Very free flowering. Ea., 40 cts.; doz., $4.00

Mrs. Jacques Futrelle. An exquisite lemon-yellow, heavily splashed with scarlet. Medium size. Very attractive. Each, 35 cents; dozen. $3.50.

The half dozen gladiolus bulbs which you sent to replace the ones that were lost in transit came in perfect condition and I thank you very much for your kindness in doing so. The plants in the package all revived and are growing nicely. I like your stock very much and think you are the most reliable florists in the country.

Indianola, Iowa. *DONNA HOPPER*



COUNTESS OF LONSDALE

I received the balance of the order yesterday and same is very satisfactory. Your entire bill of goods furnished me seem to be all in very good shape.

Troy, Pa. *M. J. McNULTY.*

Jack Rose is a handsome Decorative Dahlia of a rich crimson color and is a general favorite wherever planted

POMPON DAHLIAS

These flowers are ideal for bouquets, being small and very double. The plants, which grow but three feet high, are very bushy and free flowering.

Amber Queen. Rich, clear amber, shaded apricot. Extra free flowering. One of the very best and most satisfactory Pompons. **Each, 25 cents; doz., $2.50.**

Darkness. Very dark velvety-maroon, one of the best of its class. **Ea. 25c.; doz. $2.50.**

Fairy Queen. Sulphur-yellow, edged pink, exceedingly free blooming. **Ea. 25; doz. $2.50**

Sunbeam. Beautiful Crimson-Scarlet, should be in every collection. **Ea. 30c; doz. $3.00.**

Snow Clad. Small. White. Free flowering, the best white pompon. **Ea., 35; doz , $3.50.**

Little Dorothy. White, occasionally striped and blotched with reddish-orange. Very free-flowering. **Each, 35 cents; dozen, $3.50.**

Pride. A new deep crimson-scarlet of perfect shape and habit. **Ea., 35 cts.; doz. $3.50**

San Toy. White, heavily tipped with carmine. **Each, 25 cts.; dozen, $2.50.**

SHOW DAHLIAS

The old-fashioned double Dahlia. Ball-shaped flowers; the petals quilled or tubular. As a class they are more formal than the Cactus or Decorative. They still retain their old-time popularity on account of their long, stiff stems and their lasting qualities as cut flowers.

Arabella. Early; free flowering; long stems; light sulphur-yellow, shaded peach blossoms at edges; a fine flower. **Each, 25 cts.; dozen, $2.50.**

Globe de Mantes. Bright scarlet, perfect in form and very attractive. **Ea. 25c; d. $2.50.**

James Vick. Rich purple-crimson. One of the best. **Each, 35 cts.; dozen, $3.50.**

Stradella. Deep purple-crimson. Very free-flowering. Long stems. **Ea. 25c; doz. $2.50.**

Vivian. A new favorite with wonderful flowers of white, edged rose-violet. Is greatly admired by all who have seen it. **Each. 25 cts.; dozen, $2.50.**

White Swan. Pure white. A great favorite. **Each, 30 cts.; dozen, $3.00.**

Bird of Passage. White tipped with pink. A splendid old standby. **Ea. 25c; d. $2.50.**

Ethel Vick. (A. D. Livoni). A very reliable old standard variety, grown by almost every Dahlia lover; free flowering and desirable for cutting. Flowers are well formed, perfectly round and ball-shaped, each petal being very tightly quilled and arranged in exact regularity; of a beautiful soft pink. **Each, 30 cts. dozen, $3.00.**

Golden Age. Beautiful sulphur-yellow. **Each, 30 cts.; dozen, $3.00.**

Robert Broomfield. Large, pure white flowers in great profusion. **Ea. 25c; doz. $2.50.**

VICK'S EXHIBITION MIXTURE DAHLIAS

A wonderful mixture containing a splendid array of all the leading types and colors: Cactus, Pompon, Decorative, Show, Colarette and Peony-Flowered. As fine an assortment as we have ever seen. **Each, 25 cts.; dozen, $2.50; 100, $15.00.**

GLADIOLUS—AMERICA

Vick's Gladiolus

Without question, Gladioli are the most popular summer blooming bulbs. Easily grown, adaptable to almost all soil conditions, if not too wet, their long keeping graceful flower spikes, abundantly produced, are unsurpassed in beauty and usefulness either in beds or borders or for cut flowers. So universally popular are Gladioli with all flower lovers that Gladioli displays, are important features of every summer flower show, fair and horticultural exhibit.

America. The most popular Gladiolus in cultivation. Splendid large, broadly-opened flowers of a beautiful clear flesh pink color, with petals well rounded. The plants are vigorous growers, not subject to disease, and make extra good bulbs. **Each, 12 cents; dozen, $1.00.**

Attraction. Very large flowers of a beautiful soft color, between rose and scarlet. The large throat is pure white. **Each. 15 cts.; dozen, $1.25.**

Augusta. Fine white, faintly tinged with lavender. Flowers freely and has a long season, producing many side branches. **Ea., 12 cts.; doz., $1.00.**

Baron Hulot. Dark, velvety, violet-blue. Best of the blues. **Ea. 15c; dz. $1.25**

Canary Bird. Clear canary yellow, without markings. The best yellow obtainable in Gladioli. **Each, 12 cts.; dozen, $1.00.**

Chicago White. Well-known and very popular white, lavender markings in throat. **Each, 20 cents; dozen, $1.50.**

Empress of India Rich velvety dark red with deeper shadings. **Each, 15 cents; dozen, $1.25.**

Glory of Holland. A pure white with lavender anthers. Flowers very large, fine. **Each, 25 cents; six for $1.00; twelve for $1.75.**

Halley. A delightfully pretty delicate rose, with white blotch. A very popular extra early variety. **Each, 20 cents; dozen, $1.50.**

Ida Van. Beautiful deep salmon-red or flaming orange-pink. Very rich color **Each, 20 cents; dozen, $1.50.**

Independence. A brilliant rose pink, with richly marked throat, a long strong spike of wax-like flowers. One of the best. **Ea. 15 cts; doz., $1.25.**

Glory. Flowers Beautifully Ruffled. A new type of Gladiolus and one of the most valuable introductions of recent years. Each petal is distinctly ruffled at the edge. The immense flowers are a beautiful cream-pink color. **Each, 15 cents; dozen, $1.25.**

Loveliness. Creamy white flowers, on large broad spikes. **Ea. 15c; dz. $1.25.**

Mrs. Watt. An unusual shade of clear American Beauty color, of velvety texture. **Each, 20 cents; dozen, $1.50.**

Madam Monneret. Soft pure pink; slightly tinted carmine in the throat. **Each, 12 cents; dozen, $1.00.**

Mrs. Francis King Extremely vigorous, with long spike of large bright scarlet flowers. **Each, 12 cents; dozen. $1.00.**

Niagara. Immense flowers of soft primrose yellow; slightly tinged, rose pink in throat. **Each, 25 cents; six for $1.00; twelve for $1.75.**

Pink Perfection. Delicate apple blossom pink of perfect form. **Each, 25 cents; dozen, $2.00.**

Prince of Wales. A most charming coral pink, similar to Halley, but a more delicate tint. One of the best of the recent introductions. Very early. **Each, 25 cents; dozen, $2.00.**

Peace. The flowers are extra large, of perfect form, on a heavy, straight spike. Color a pure white, with pale lilac featherings on the interior petals. A charming flower, either singly or for massing; The bulb is large and the plant is a remarkably strong grower. **Each, 20 cents; dozen, $1.50.**

Primulinus. A rare, extra early species. The flowers are small, of a primrose yellow color, and borne on tall, slender stems. Blooms the whole season. **Each, 25 cents; six for $1.25; twelve for $2.25.**

Princepine. Immense, broadly opened flowers of clear, brilliant scarlet. **Each, 25 cents; six for $1.00; twelve for $1.75.**

War. Deep blood red, shaded crimson. One of the largest and finest of the red Gladioli. **Each, 20 cents; dozen, $1.50.**

Willy Wigman. Creamy white, with scarlet blotch. **Ea. 15c.; doz. $1,25.**

Schwaben. Largest and finest yellow Gladiolus yet produced. A soft sulphur yellow, with dark blotch in center. A very vigorous grower. **Each, 20 cents; dozen, $1.50.**

"1900." Rich, deep scarlet with large white blotch. Hardy and free flowering. **Each, 20 cents; dozen, $1.50.**

GLADIOLUS MIXTURES

Vick's Named Exhibition Mixture. This is a mixture of over 150 named varieties to which we are adding every year. It comprises every class, and will furnish a profusion of bloom from July till frost. **Six, 35 cents; dozen, 65 cents; hundred, $4.25; charges prepaid.**

Choice Mixed. All colors in fine assortment. **Six, 30 cents; dozen, 50 cents; hundred, $3.50; charges prepaid.**

VICK'S HYBRID GLADIOLI

We are very proud of these hybrids. They contain many wonderfully striking shades and types. They are far superior to the ordinary mixtures and are just the thing for those who do not care for the higher priced named sorts and still want something really extra fine.

Light and White Hybrids. Beautiful collection of light and dainty shades. **Six, 40 cents; dozen, 75 cents; hundred, $4.50.**

Red Hybrids. All shades of red, scarlet and crimson. **Six, 40 cents; dozen, 75 cents; hundred, $4.50.**

Mixed Hybrids. All shades in grand mixture. **Six, 40 cents; dozen, 75 cents; hundred, $4.50.**

COLLECTIONS OF GLADIOLUS

In order to give our customers an opportunity to make their own collections of standard varieties at moderate cost, they may select:

Your choice	Priced at	For	Your choice	Priced at	For
Any 3	12 cents	30 cents	Any 3	15 cents	35 cents
" 6	12 "	55 "	" 6	15 "	75 "

The splendid and beautifully colored flowers of Vick's America make it the most popular Gladiolus in cultivation

Vick's Chrysanthemums

Hardy Pompon Chrysanthemums

These are the very best of all Chrysanthemums for planting out of doors, and they are growing in popularity each year. Are perfectly hardy, and the flowers, which are not injured by the early frosts, give a fine show of bloom in late Autumn. While the flowers of the Hardy Chrysanthemums do not attain the great size of the Large-Flowering varieties, the sprays of bloom are extremely graceful and beautiful and are very valuable as cut flowers. They may frequently be seen in gardens about Rochester in full bloom as late as the middle of November.

They can easily be transplanted to pots, and thus brought inside to furnish beautiful double flowers during the late fall.

Each, 30 cents; dozen, $3.00.

Allentown. Bronze yellow.
Alma. Beautiful pink.
Anna Mary. Creamy white, tipped pink.
Astarte. Bright golden amber.
Baby. Golden yellow.
Baby Margaret. Pure white.
Bohemia. Pure yellow.
Diana. Large pure white flower. One of the best.
Edna. White, with pink shadings and yellow center; good size and nice form.
Gold Standard. Golden yellow.
Hero. Dark pink.
Iva. Pure amber.
James Boon. Pure white.
Julia Lagravere. Crimson-maroon
Lilla. Tall, deep attractive red
Lulu. Pure snowy white.
Lyndhurst. Beautiful red.
Marianna Large, pure white.
Miss Julia. Very double, bronze yellow.
Orea. Light pink.
Panama. Bronze.
Queen of the Whites. One of the finest whites.
Western Beauty Rose pink.
Quinola. Large flowers, golden yellow; strong growing plants.
Rufus. Dark red.
Skibo. Golden chamois.
Walter Bly. White, tinted rose.
Zenobia. Bright, clear yellow.

VICK'S COLLECTION of HARDY POMPON VARIETIES

Six Fine Plants for $1.50

Allentown. Bronze yellow
Diana. Pure white
Edna. White, pink shading
Hero. Pink
Lyndhurst. Red
Miss Julia. Bronze

Large-Flowering Chrysanthemums

The glorious blooms of the Large-Flowering Chrysanthemums are easily the largest and most showy flowers of late autumn and early winter. In a warm fall the Large Flowering Chrysanthemums bloom well into October and November in the open ground. But a good way is to cultivate the plants in the garden, with plenty of room in good, rich soil, until the first of September, when they may be safely transferred to pots. Give a thorough watering and set in a shady place for a few days, after which they may be exposed to the full light in a room of moderate temperature.

Each, 30 cents; dozen, $3.00.

Alice Bryon. A magnificent snow-white variety.
Christmas Cheer. Beautiful pink. Early. Flower incurved. Handsome.
Chrysolora. Fine golden yellow; large flower; extra fine early yellow.
Comoleta. Bright yellow. Fine for pot culture.
Cullingfordi. Rich crimson scarlet. One of the very best.
Golden Glow. The earliest of all. Fine golden-yellow with velvety finish.
Ivory. Dwarf. Free flowering, snow white, incurved, very large, perfect form.
Major Bonnaffon. Soft yellow, incurved type; flowers large and full.
Major Weaver. Large pink.
Maud Dean. Extra large flowers, petals broad, incurved; color light rose.
Mrs. William Duckham. Beautiful golden yellow.
Mrs. Jerome Jones. Waxy white; good stem and perfect foliage.
Pacific Supreme. A beautiful shade of pink. Very early.
Pink Ivory. Beautiful shell-pink. A sport from White Ivory.
Pink Jones. The color is beautiful; each petal is white overlaid with purplish crimson, giving the whole flower the appearance of being pink in color.
Red Duckham. Very large flower. Color purplish crimson.
Unaka. Beautiful shade of lavender pink; very early; one of the best pink Chrysanthemums.
White Coombes. Pure white of Jaigese size.
White Bonnaffon. Pure white, Popular incurved type.

VICK'S COLLECTION of LARGE-FLOWERING CHRYSANTHEMUMS

Six Fine Plants for $1.50

Cullingfordi. Crimson-scarlet
Ivory. White
Mrs. Wm. Duckham. Yellow
Pacific Supreme. Pink
Red Duckham. Red
Unaka. Lavender

LARGE-FLOWERING—MAJOR BONNAFFON

In late Autumn the bright colors of Hardy Chrysanthemums shine out as reminders of the glory of the summer garden

House and Bedding Plants

The moment you enter a room containing a beautiful Fern or a blooming Plant you are conscious of the brightness and good cheer radiated by it. The influence of these beautiful silent companions from The Floral Kingdom is always for good; they cheer the sick, beautify the home and carry a hint of Summer's brightness through Winter's gloom.

In the spring they are ready to fill your window and porch boxes with a mass of color and transform your yard to a thing of beauty.

You will find your favorite plants listed in the pages that follow.

ABUTILON or Flowering Maple (For seeds see page 79)

Hard-wooded greenhouse shrubs, resembling a minature maple-tree blooming almost the entire year; well adapted for house culture. Flowers bell-shaped and drooping.

Each, 25 cents; dozen, $2.50.

Eclipse. A trailing variety, whose leaves are beautifully marked deep green and yellow; flowers are bright yellow, with crimson throat.

Golden Fleece. A splendid large pure yellow. **Snow Storm.** Pure white.

Savitzii. The leaves are green with a heavy white border.

Souvenir de Bonn. Leaves deep green with white borders.

ANTHERICUM

Each, 25 cents; doz $2.50.

Vittatum variegatum. An elegant house plant, with dark green leaves bordered with pure white. Long spikes of star-shaped flowers. Fine for hanging baskets.

Picturatum. Center of the leaf white, bordered with green.

ASPARAGUS (For seeds see page 79)

Sprengeri. Sometimes eroneously called Maiden Hair Fern. One of the most rapid-growing plants of which we know making great masses of fine feathery foliage in a very short time. The stems grow several feet in length, and are valuable for use in cut-flower work. Fine for hanging baskets or large pots. As a house plant it has no superior, as it withstands the indoor temperature well.

Plumosus nanus, or Lace Fern. Beautiful on account of its light feathery growth, which very much resembles lace. The graceful dark green foliage surpasses the Sprengeri in delicacy of texture. Splendid as a pot plant and for decorative purposes.

CARNATION—ROSE PINK ENCHANTRESS

ACHANIA MALVAVISCUS

This remarkable plant is a native of Southwestern Texas and Mexico. As a house plant it is very satisfactory because it blooms continuously. In house culture in pots it usually grows about two feet high, but when planted in the garden it will make a strong, vigorous growth from three to four feet in height, often throwing out a large number of branches, and the entire plant almost continuously covered with bright scarlet flowers. These, if cut, will remain in perfect condition a long time. Each, 25 cents; dozen, $2.50.

AUCUBA JAPONICA (Gold Dust Plant)

A very attractive plant with shining, toothed, pale-green leaves, beautifully spotted with yellow. Thrives well in smoky, dusty atmosphere better than most other plants. Each, 35 cents; dozen, $3.50.

REX BEGONIAS (For seeds see page 79)

The Rex varieties of Begonia are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry. Each, 30 cents; dozen, $3.00.

Countess Louise Erdody. The wonderful Cork-screw Begonia.

Bertha McGregor. Cut-leaf, center of leaf red, outside silver and red. Very fine.

Lesuodsii. One of the finest of the Rex family; the leaves are a velvet green. Center edged with a silver band, outer edge bright green.

Modesty. Leaves silvery white, edged with green.

President Carnot. Silvery white.

Rubrum. The entire leaf has a pinkish metallic lustre, which makes it one of the most attractive varieties. The plant is a vigorous grower.

Surprise. Leaf deep bronze and silvery rose.

Van der Hyde. Mottled green and white.

BEGONIA SEMPERFLORENS. Wax Begonias

This class may truly be called perpetual flowering Begonias, as they bloom continuously. They are always in bloom, and are very fine either for house plants or bedding. Three colors, pink, white and scarlet.

Each, 30 cents; dozen, $3.00.

CALCEOLARIA (For seeds see page 79)

Creole Queen. Flowers brown maroon. Very fine for pot plant and bedding. Easy to grow. Each, 15 cents; dozen, $1.50.

CAREX

Japonica variegata. Japanese grass. Very useful and ornamental for the house, thriving well in a living room.

Each, 25 cents; dozen, $2.50.

CARNATIONS

The delicately rich and pleasant fragrance combined with the beautiful colors and perfect outline of the Carnation, secures for it a prominent place in al collections of plants, either for the house or garden. It is one of the sweetest ol flowers and yields an abundance of bloom all summer. The plants may bef potted in September and October, watered and shaded a few days, and they will bloom all winter, in a cool sunny window. Our list embraces the best of the standard varieties.

Each, 25 cents; five for $1.00. The set of twelve for $2.00.

Beacon. Beautiful shade of scarlet. Flowers very large. Stems long.

Enchantress. Delicate shade of shell-pink, deepening towards the center; very large flower.

Enchantress Supreme. Color clear shell pink. Flower large. A grand new variety.

Harlowarden. Large flower of bright crimson, with scarlet shadings.

Lady Bountiful. Pure glistening white.

Mrs. Thomas W. Lawson. Immense size, from three to four inches in diameter, with long, strong stems. Bright cerise-pink, lighting up beautifully under artificial light

Red Jacket. A strong, robust grower; color brilliant scarlet.

Rose Pink Enchantress. Color rose pink; large flower.

Variegated Lawson. White, beautifully striped with cerise pink.

White Enchantress. Large pure white. Very free flowering.

White Wonder. One of the largest white Carnations and a strong grower.

Winsor. Silvery pink. One of the best carnations.

COLEUS (For seeds see page 70)

Each, 25 cents; dozen, $2.50.

Crimson Velvet. Leaves rich crimson.

Duneira. Soft seal-brown, bordered pink. An exceptionally showy variety.

Firebrand. Maroon, flamed and shaded with brilliant fiery red.

John Good. Yellow and green, fine bedder.

Snowcloud. Yellow and green. Changing to white in the summer months.

Sensation. Velvety black maroon, with lance-shaped center of pure magenta. Very brilliant.

Verschaffelti. Rich, velvety crimson. The best of all for bedding.

DRACAENA (For seeds see page 79)

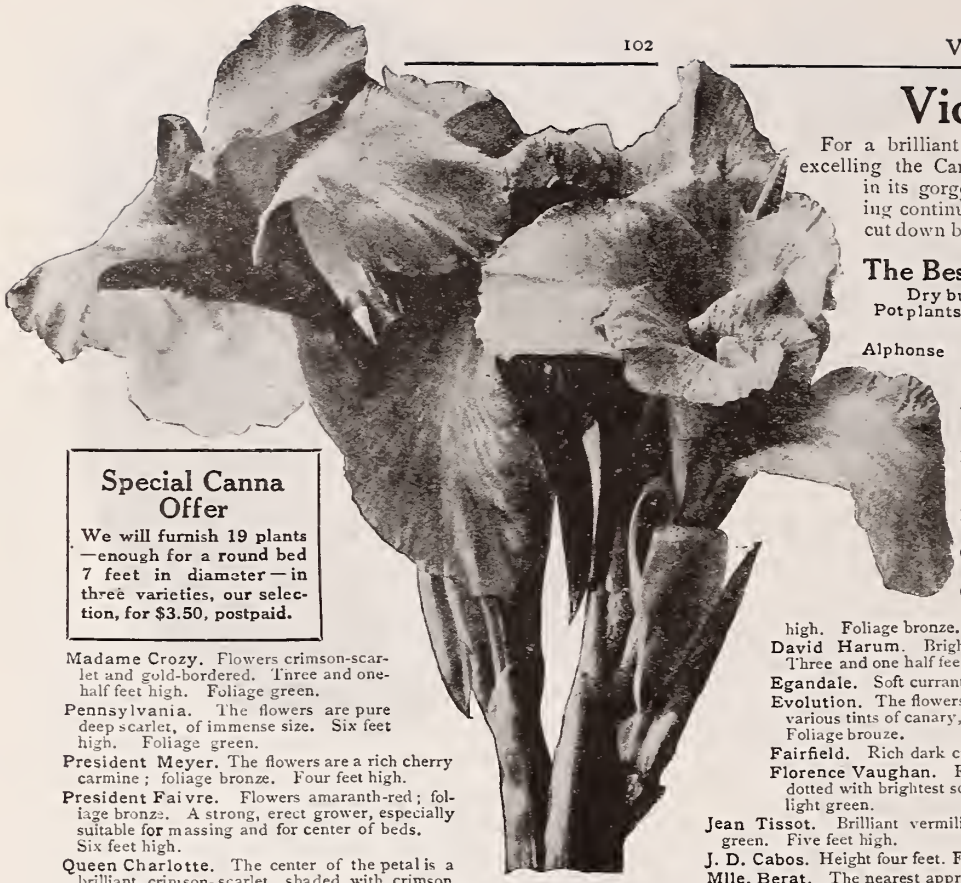
Indivisa. Used extensively as a center plant for vases, haskets, etc. The numerous grass-like leaves are very long and rigid, contrasting nicely with other plants. Largely used and very effective for cemetery planting. Easily grown. Each, 35 cents; dozen, $3 50. Extra large plants, each 5c cts.

FEVERFEW

Little Gem. Very dwarf; attains a height of from 8 to 10 inches; flowers of fine form, and pure white. Each, 25 cents; dozen, $2.50.

At prices named, we prepay Postage or Express on plants to all points east of the Mississippi River except as noted.

One entire greenhouse of Rex and Wax Begonias from which we can ship thousands of plants at once



Vick's Cannas

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. Plant 18 inches apart each way.

The Best of the Standard Varieties

Dry bulbs. Each, 20 cents; dozen, $2.00.
Pot plants, ready about May 30. Each, 25 cents; dozen, $2.50.

Alphonse Bouvier. Brilliant crimson, but changes to a beautiful deep crimson as they more fully expand. Six feet high. Foliage green.

Alsace. Pale sulphur changing to creamy white. A valuable variety. Four and one-half feet high. Foliage green.

Beaute Poitevine. Bright crimson, with erect flower spikes. Three and one-half feet high. Foliage green.

Brandywine. Brilliant red; foliage bronze. Four feet high.

Charles Henderson. Brilliant crimson flowers. Four feet high. Foliage green.

Cinnabar. Cinnabar red distinctly marked with golden yellow. Four and one-half feet high. Foliage bronze.

David Harum. Bright deep satiny vermilion. Foliage bronze. Three and one half feet high.

Egandale. Soft currant-red flowers. Foliage bronze. Four feet high.

Evolution. The flowers are golden yellow, which shades in through various tints of canary, lemon, and sulphur to a center of blush pink. Foliage brouze.

Fairfield. Rich dark crimson flowers; foliage green.

Florence Vaughan. Flowers of the most brilliant golden-yellow, dotted with brightest scarlet. Four and one-half feet high. Foliage light green.

Jean Tissot. Brilliant vermilion, with bright orange markings. Foliage green. Five feet high.

J. D. Cabos. Height four feet. Flower attractive light orange. Foliage bronze.

Mlle. Berat. The nearest approach to a pink in a first-class bedder. Four feet high. Foliage green.

Special Canna Offer

We will furnish 19 plants—enough for a round bed 7 feet in diameter—in three varieties, our selection, for $3.50, postpaid.

Madame Crozy. Flowers crimson-scarlet and gold-bordered. Three and one-half feet high. Foliage green.

Pennsylvania. The flowers are pure deep scarlet, of immense size. Six feet high. Foliage green.

President Meyer. The flowers are a rich cherry carmine; foliage bronze. Four feet high.

President Faivre. Flowers amaranth-red; foliage bronze. A strong, erect grower, especially suitable for massing and for center of beds. Six feet high.

Queen Charlotte. The center of the petal is a brilliant crimson-scarlet, shaded with crimson and bordered with a wide belt of gold. Three feet high. Foliage green.

Robusta. A very fine, tall-growing, dark-leaved variety; eight to ten feet. Dark green leaves.

Rubin. Ruby carmine. Foliage bronze.

Secretaire Chabanne. A distinct and pleasing shade of almond. Three feet high. Foliage green.

Semaphore. Novel color. The flowers are of a pure orange. Foliage bronze.

Souvenir d' Antoine Crozy. Crimson scarlet, broad yellow border. Four feet high. Green foliage.

Our Cannas, which you sent, are superbly beautiful.
Tulsa, Okla., Aug. 12, 1920. *R. M. STUNKARD*

Orchid-Flowered Cannas

Dry Bulbs. Each, 25 cents; dozen, $2.50.
Pot Plants. Each, 30 cents; dozen, $3.00, ready about May 30.

Alemannia. Gigantic yellow flowers beautifully mottled with orange-scarlet. Four and one-half feet high. Green foliage.

Burbank. Rich canary-yellow flowers, spreading seven inches; rich green leaves; four and one half feet high.

Italia. Immense flower. Center brilliant red, petals widely bordered with clear yellow. Six feet high.

King Humbert. Massive foliage of finest bronze, with dark midrib. Its flowers measure six inches in diameter and are produced in great trusses. Brilliant orange-scarlet, with bright red markings. Height about four feet.

Parthenope. Flowers are extra large and of good substance. Color dark orange, shaded with yellow; showy and distinct; four feet. Foliage dark green.

VICK'S FUCHSIAS

No plants are more graceful and elegant than the Fuchsias. Their contrasting colors—white, carmine, rose and purple—make them very attractive The plants bloom so profusely that they require an abundant water supply. Therefore, plants should be wet thoroughly and often While the plants are not adverse to moderate light, they should be protected from the strong rays of the sun, which would absorb too much of their moisture and cause buds and blossoms to fall. Too hot and dry, gaseous air has the same injurious effect.

Each, 30 cents; dozen, $3.00.

Avalanche. Corolla violet, sepals crimson.

Bouquet. Flowers of beautiful form; sepals a clear coral color; corolla blue.

Jeanne Summary. Tube and sepals bright crimson scarlet, corolla white.

Jupiter. Tube and sepals scarlet; corolla rich royal purple. Extra large size.

Little Beauty. Tube and sepals bright red; corolla rich purple.

Mary. The drooping flowers, over two inches long, are a brilliant crimson-scarlet, and stand out prominently against the dark green foliage.

Rosaina Patrie. Tube and sepals carmine. Corolla white.

Storm King. Dwarf grower. Tube and sepals red. Corolla white.

Victor Hugo. Flowers large, very double; sepals bright crimson; the center or corolla violet purple, marbled with red. A unique and beautiful flower.

GREVILLEA or Silk Oak

Grevillea robusta. A beautiful plant for decorative purposes of quick growth and very easy culture. The leaves are very light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of "Silk Oak." For the house it is unsurpassed.

Each, 25 cents; dozen, $2.50.

HELIOTROPE

Prized for its fragrance. It is a favorite with everyone. Heliotropes require a sunny location, as they do not do well when grown in the shade. Very desirable for house culture, a single plant filling a whole room with perfume.

Lady Cook. Dark violet. **Madame de Blonay.** Pure white.

Each, 25 cents; dozen, $2.50.

HYDRANGEA

Otaksa. The immense heads of pale pink flowers, make the Hydrangea extremely effective as a decorative plant. In the North it is grown as a pot plant. Give partial shade and plenty of water. Put in the cellar in the fall. Each, 35 cents; dozen, $3.50.

LANTANAS

Are in bloom constantly, and are very fine for bedding, baskets, or box plants.

Each, 25 cents; dozen, $2.50.

Amiel. Bright shade of orange-red, with golden center.

Jacques Minot. Yellow, changing to orange red.

Marcella. Lilac rose, changing to yellow.

New Weeping. Rose pink, habit drooping.

Snow Queen. Large white flowers.

Snowball. White, yellow center.

LEMON

Ponderosa. Large-fruited true Lemon. Flowers as fragrant as the Orange blossom and large fruit of good quality. Bears flowers and fruit at the same time. Vigorous grower and makes a splendid house plant.

Thrifty young plants, each, 35 cents; dozen, $3.50.

LEMON VERBENA

Foliage delightfully fragrant. Easily grown.

Each, 25 cents; dozen, $2.50.

For brilliancy of colors nothing surpasses the newer Cannas in formal beds or in rows against a background of green

VICK'S FERNS

Ferns are indispensable in almost any scheme of plant decorations for house, window or conservatory. Either alone or scattered among other plants and flowers they work wonders in giving the house interior a refreshing, cheerful appearance.

The six varieties first named are especially adapted to use in fern dishes. The six are sufficient for a dish eight inches in diameter.

Each, 25 cents; dozen, $2.50.

Adiantum cuneatum. The popular Maiden Hair Fern.
Aspidium Tsussimense. A pretty species with dark green foliage.
Cyrtomium falcatum. The "Holly Fern." Large, dark green glossy leaves.
Pteris Cretica albo-lineata. A pretty and useful variegated variety; leaves green and white.
Pteris Wimsetti. Fine for fern pans and house culture; finely crested.
Pteris Wilsoni. Leaves round and crested. Splendid for house culture.

Varieties of the Boston Fern Class

This class contains the most popular and by far the most satisfactory of all house ferns. The hardiness, ease of culture, and handsome fresh appearance of all varieties of Boston Ferns make them especially desirable for house decoration.

Each, 35 cents; four for $1.25; dozen, $3.50.

Boston Fern. One of the most satisfactory of decorative plants for house culture. The handsome green fronds attain a length of four to five feet, and droop so gracefully on every side that it is often called the Fountain Plant. It always has a fresh, healthy appearance, and is very attractive.

Roosevelt. The divisions of the wide drooping fronds are beautifully undulated and the fronds are more graceful than those of the Boston Fern. Strong, rapid grower. A new variety and one of the finest.

Scotti, or Dwarf Boston Fern. A very dwarf and compact form of the Boston Fern. The fronds are short and narrow, of a graceful recurving form. Plants of small size make nice specimens in a short time.

Teddy, Jr. Fronds beautifully undulated like those of the Roosevelt, but the plants are very dwarf and compact. A beautiful fern.

Whitmani. The plumy appearance of its foliage makes the Whitmani unquestionably the most striking among all the varieties of the Boston Fern. The plant is quite dwarf, and the leaves very wide. An excellent fern.

The Pelargonium arrived today a fine plant in good condition. Many thanks.
Sauquoit, N. Y., Apr. 29th, 1920. *MRS. C. D. REED*

PELARGONIUM
or
Lady Washington Geranium
The New Everblooming Pelargonium, Easter Greeting

PELARGONIUM, EASTER GREETING

The flowers of Easter Greeting have the large size and the gorgeously rich coloring of the "Lady Washington Geranium." To this is added, in Easter Greeting, the habit of continuous blooming, which has made the ordinary bedding geranium so highly valued. Easter Greeting is the first of a new race and one of the most valuable introductions in recent years. As an Easter plant it rivals the Azalea; but unlike the Azalea, Easter Greeting, will remain in full bloom all summer.

Each, 35 cents; Dozen, $3.50.

Our Easter Greeting Pelargonium is the best variety we have ever grown for house culture. It blooms continuously

TEDDY, JR. FERN

Vick's Geraniums

No plants probably can be put to a larger variety of uses than geraniums. They add brightness and cheer to the house all winter.

Then in the spring they may be set out doors; they may be used to advantage in window boxes, and are very effective for bedding or for borders in the garden. The assortment we give below has been carefully selected for the most superior qualities and best variety of colors.

Each, 30 cents; three for 80 cents; dozen, $3.00.

DOUBLE

Alphonse Ricard. Bright orange-red. Trusses very large.
Beaute Poiteveine. Bright salmon-pink, delicately shading to white.
Countess deHarcourt. Pure snow-white; enormous trusses that stand sun well.
Heteranthe. Bright scarlet. A popular striking shade.
Jean Viaud. Flowers semi-double, brilliant rose, beautiful white spots.
La Pilot. Very dark scarlet. Should be in every collection.
E. Anatole Roseleur. Deep rose pink. A distinctive, attractive color.
Madame de Comtesse de Baume. A charming bright pink.
Madame Jaulin. Center of flowers delicate pink, bordered with pure white.
Madame Recamier. Snow white. Especially desirable for bedding.
Madame Laudrey. Clear salmon, center shading to copper, with white eye.
Madame Buchner. Double; snow white. A strong grower.
S. A. Nutt. Double. Brilliant deep blood-red, with maroon shadings. Rather tall; vigorous grower. Truss large. One of the finest bloomers.
Toronto. Bright salmon. Flowers and truss of large size. A grand bedder.

SINGLE

A. Carre. Crimson scarlet.
General Grant. Popular old sort.
Jules Lematrie. Light pink.
Jumbo. Very fine scarlet.
Marguerite de Layre. A fine, strong, free grower; pure white flowers.
Mrs. E. G. Hill. Bright salmon with light shading at center.

TRI-COLOR

Mrs. Pollock. Leaves variegated; flowers scarlet.

SWEET-SCENTED

Dr. Livingstone. Leaves finely divided, very fragrant.
Rose. This is one of the most desirable of the scented varieties.

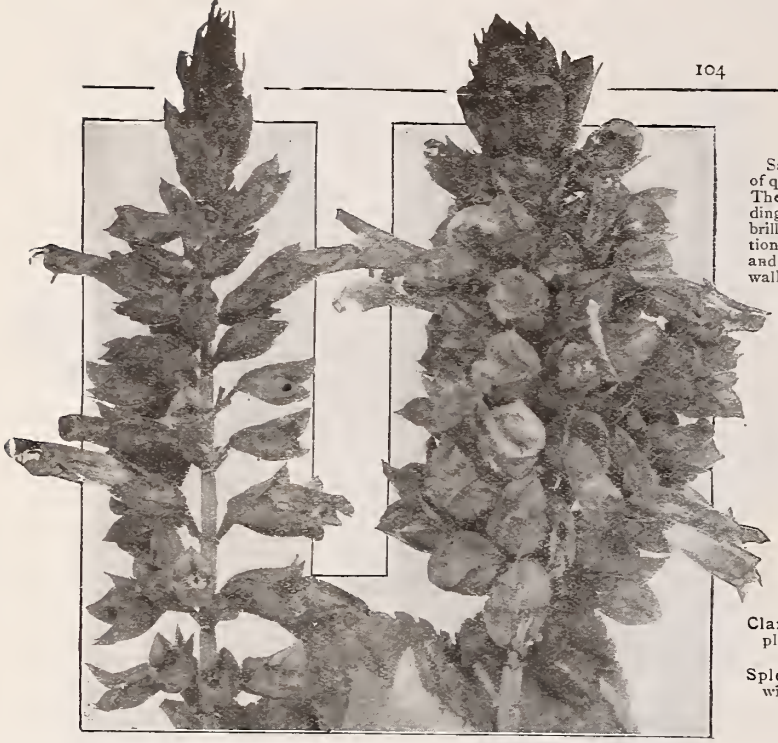
BRONZE

The leaves of the Bronze Geraniums show the most beautiful shades of yellow or brownish red; the foliage being as handsome as the flowers.
Black Douglas. Flowers salmon. Foliage golden yellow; red zone.
Exquisite. Leaf light yellow ground, chocolate zone. Flowers salmon.

Cobalt, Chatham. P. O., Conn
I received the Fuschia you so kindly sent. Last eve the 19th it came in fine condition and was only wilted a very little, and is looking fine already today, Thank you very much.
Mrs. EMMA M. EVANS.

Northampton, Mass'
Geraniums and Fuschia receeived today in fine condition.
MRS, ERNEST DAMORS

Lebanon. Pa.
All goods shipped are fine growing nicely. Will recommend your house to any of my friends as being fair and of having the goods.
ELISHA FILER.



Salvia—Splendens

Salvia—Vick's Scarlet Beauty

Vick's Salvias

Salvias are exceedingly handsome and showy plants of bush-like habit, of quick growth, attaining a height of two to four feet, according to variety. They present a solid mass of bloom from August to November. For bedding purposes they vie with Geraniums for popularity and usefulness. The brilliant scarlet of Salvias against a background of green makes a combination hard to beat They are very popular for planting in front of porches and house walls, and can be used to good advantage for hedges and along walks and driveways. We offer healthy, well-developed plants, ready to transfer to the open ground and make quick growth. Set about a foot apart in fairly rich soil. Give plenty of water.

Vick's Scarlet Beauty. (New). The mammoth size and wonderfully brilliant scarlet color of this new Salvia has made it the most popular scarlet variety ever grown. The flowers are very large and compact, often measuring four inches in diameter, and are held erect above the dark green foliage on strong, sturdy stems. The plant of this wonderful new variety is a sturdy, strong and compact grower, attaining a height of about two and one-half feet. The foliage is dark green and very abundant. **Each, 25 cents; doz., $2.50.**

Elizabeth Dunbar. The New White Salvia. Elizabeth Dunbar appeared as a chance seedling in the Rochester Parks in 1910. Since its first appearance it has been much improved from the origiual plant. The corolla is pure white and the calyx cream white. The flower spikes are from six to eight inches long. The individual flowers are one and three-fourths inches long. The plants grow about two and one-half feet tall. It flowers freely and blossoms abundantly throughout the summer, and comes true to seed. Potted plants produce a profusion of flowers in the greenhouse in winter. **Each, 25 cents; dozen, $2.50.**

Clara Bedman or Bonfire. A dwarf early blooming variety. The plants are almost hidden by the mass of brilliant scarlet flowers. **Each, 25 cents; dozen, $2.50.**

Splendens. The well-known Scarlet Sage. A splendid flowering plant with plumes of dazzling scarlet flowers. **Each, 25 cents; dozen, $2.50.**

PRIMROSE

Each, 25 cents; dozen, $2.50.

Primula Forbesi. Baby Primrose. Needs but little care. It forms a dense rosette of fleshy leaves, from which spring the flower stems about 12 inches tall; delicate rosy-lilac flowers produced in great abundance.

Primula obconica grandiflora. Perpetual blooming, bearing large trusses of flowers on long stems, well above the foliage; color a pale lilac and pink.

Mexican Primrose. A charming plant, which in freedom of bloom excels all others. Flowers almost three inches in diameter, cup-shaped; color bright pink, with scarlet veins and large, showy white center. A plant of easy culture.

OLEANDER

Splendens variegata. Large, double, pink flowers; early. Glossy green leaves with a broad margin of creamy white. **Each, 25 cents.**

Double Pink. The old and popular variety. **Each, 25 cents.**

OTAHEITE ORANGE

It blooms most freely during winter, though it is likely to bloom at any and all times of the year. With one or two pots of it anyone can raise an abundance of delicate and fragrant orange blossoms. It is a dwarf orange, which grows, blooms, and fruits freely in pots. Fruit about one-half the size of ordinary oranges. **Extra large plants, each, 35 cents.**

PETUNIA

Single, Vick's Ruffled. These plants are from seed of our own growing, and we recommend them as being very fine. The flowers are richly colored, very large and beautifully fringed. **Each, 25 cents; dozen, $2.50.**

RUBBER PLANT

Ficus elastica. This is certainly one of the best plants grown for table or house decoration. It succeeds well with ordinary treatment. The glossy green leaves add a setting of beauty to any collection of flowering or foliage house plants **Strong Plants, each, $1.25.**

UMBRELLA PALM

Cyperus alternifolius. A beautiful, easily-grown plant, that is admirably adapted to many different modes of culture. It makes a very showy plant for pot culture, is one of the best for ferneries, while for the aquarium it is without an equal. **Each, 25 cents dozen, $2.50.**

CLIMBING AND TRAILING VINES

Nothing adds more to the comfort and beauty of a home during the summer months, than a screen of vines on porches and trellises. The chief beauty of porch boxes and hanging baskets usually consists in the charm and gracefulness of trailing plants and vines of various colored foliage and flowers.

TRAILING IVY

Each, 25 cents; dozen, $2.50.

A fine, thick-growing trailing plant that is unsurpassed for use in hanging baskets and urns, where delicate green foliage is needed.

IPOMEA or Moonflower

Each, 25 cents; dozen, $2.50.

Ipomœa Bona Nox. It is a beautiful, vigorous climber, producing large, pure white, sweet-scented flowers at night and on dull, cloudy days. To keep over winter, the plant must be cut back, the roots potted, and kept in a growing condition.

Ipomœa Leari (Blue Moonflower). Flowers six inches across, of intense violet-blue, with reddish purple rays.

One plant, each, of Ipomœa Bona Nox and Leari for 40 cents.

MANETTIA VINE

Manettia bicolor. A beautiful twining plant; flowers from one to two inches in length, of the most intense fiery scarlet, with bright yellow tip. As a pot plant to train on a trellis it is unrivaled. In the open ground it succeeds admirably. **Each, 25 cents; two for 40 cents.**

JASMINE

Jasminum grandiflorum. A favorite greenhouse climber or house-plant and one of the sweetest of flowers. Foliage fine; white, star-shaped fragrant flowers from November to May. Easy of culture. **Each, 25 cts.; doz. $2.50.**

OTHONNA

Crassifolia. A neat drooping plant for hanging baskets. Yellow flowers. **Each, 25 cents; dozen, $2.50.**

PASSIFLORA or Passion Vine

A class of rapid growing climbing plants well adapted for house culture in winter or for training over porches, etc., during summer. The flowers are about four inches in diameter, with pear-shaped petals.

Constance Elliot. Flowers pure white. **Each, 25 cents; dozen, $2.50.**

PILOGYNE SUAVIS

A splendid climber for screens and verandas; also fine for hanging baskets. **Each, 25 cents; dozen, $2 50.**

SMILAX

A well-known and popular climber. Foliage of a dark glossy green, used largely with cut flowers, wreaths, etc. Excellent for parlor or window culture Tender. **Each, 25 cents; dozen, $2.50.**

VINCA

Major variegata. A beautiful trailing plant, admirably adapted for hanging baskets and vases. The leaves are glossy-green, broadly margined a creamy white; flowers blue, and most popular of all trailing house plants.

Large Plants, each, 25 cents; doz., 2.50

A bed of Elizabeth Dunbar and Vick's Scarlet Beauty Salvias will produce a wonderful effect of exquisite beauty

A ROW OF HYACINTHUS CANDICANS ON OUR GREENHOUSE FARM

HYACINTHUS

Candicans. Summer Hyacinth. A beautiful stately plant, with stems three to four feet high. It has large, pure white pendant, funnel-shaped flowers, in long racemes. Very fragrant. In the North the bulbs should be dug in the fall, and stored in a cool dry place.
Each, 15 cents; dozen, $1.50.

ISMENE, or Peruvian Daffodil

Giant Ismene. Ismene is one of the finest flowers of the stately Amaryllis family. The heavy bulbs send up stems two feet in height, on which are borne numerous large, pure white flowers. The flowers have a rich and striking appearance and are exceedingly fragrant. The Giant Ismene is easily grown and its beautiful and stately flowers are sure to give satisfaction. After it flowers in summer, the bulbs may be ripened and potted for winter blooming inside. Each, 25 cents; dozen, $2.50.

MADEIRA VINE

A charming climber for porches. The thick, dark green foliage forms a fine screen, and the white flowers are very fragrant.
Strong bulbs, each, 10 cents; dozen, $1.00.

SWAINSONIA ALBA

A fine graceful plant, very useful for hanging baskets and porch boxes. Covered with beautiful sprays of large pure white, waxy, sweet pea-like flowers. Each, 25 cents; dozen, $2.50.

OXALIS

Free-blooming bulbs, fine for pots, vases, or for edging walks and beds. Plant three inches apart. Two colors, Rosy Crimson and Rosy Lilac.
Dozen, 25 cents; hundred, $1.00.

CALADIUM

Fancy-Foliaged. The fancy-foliaged varieties are very satisfactory for summer decoration. Leaves striped, blotched, and spotted with white, crimson, and pink; in fact, the variety of color is something wonderful. In the fall the leaves die down, and the bulbs should be kept in the pots in a warm place.
Each, 50 cents; dozen, $5.00

Esculentum — Elephant's Ear. One of the stateliest of the ornamental-leaved plants producing a splendid subtropical effect. Leaves frequently grow three feet in length and nearly as broad. Bulbs started in earth in early spring and transplanted to open ground, when danger of frost is over, will produce plants three to five feet high in a short time.
Medium-sized bulbs, each, 25 cts.; doz., $2.50.
Large-sized bulbs, each, 35 cts.; doz., $3.50.
Mammoth-sized bulbs, each, 50 cts.; doz., $5.00.

ELEPHANT'S EAR OR CALADIUM WITH COBBLESTONES IN FOREGROUND

AMARYLLIS

The Amaryllis produces showy flowers that are handsome and very attractive, resembling Lilies. The bulbs should be potted in a rich, sandy loam, with good drainage. They require abundant moisture when growing, but at their season of rest water should be given sparingly.

Fragrans. Flowers three to four inches long; yellow; fragrant; stalks 15 to 18 inches high. Each, 25 cents; dozen, $2.50.

Regine. Equestre. One of the best of the Amaryllis family for winter-blooming. Flowers large, bell-shaped; color light scarlet, throat or center white. Each, 25 cents; dozen, $2.50.

Johnsoni. An elegant pot plant, with crimson flowers five inches in diameter, each petal striped with white. Flower-stalks two feet high, with clusters of three to five blooms. Each, 50 cents.

Formosissima. Jacobean Lily. Eight to ten inches high. Flowers dark crimson. The bulbs are dormant during the winter. Each, 25 cents.

CALLA

Little Gem. A dwarf variety of the old Calla, ten to twelve inches high; free bloomer. Each, 20 cents; two for 35 cents.

Spotted Calla. Alba maculata. Beautiful for pot culture. The foliage is marked in the same manner as that of the Yellow Calla. The bulbs must be kept in dry sand in the winter. Each, 20 cents; dozen, $2.00.

TUBEROSE

The Tuberose is a beautiful, pure white, wax-like, very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more blossoms. Our Tuberoses are all extra sized, splendid bulbs.

Tuberose, Pearl. Each, 10 cts.; six for 40 cts.; doz., 75 cts., postpaid; hundred, $5.00, not postpaid.

New London, Conn.

The same mail which carried my notice of a lost package to you, brought the plants, which are fine and in nice condition.

ALVA B. CONE.

Seneca Falls, N. Y., April 29, 1920.

The nursery stock has just come in and is in apparently fine condition. Thank you for your trouble and efforts in the matter.

RICHARD J. PECK.

Rhinebeck, N. Y.

Oxalis bulbs received O. K. and growing nicely.

MRS. ISIE TRAVER.

Palmerton, Pa., May 31 1920,

Received the Canna plants, seven in number, in excellent condition. *JAMES M. STROHL.*

Grand Rapids, Mich.

Received my plants in good condition.

MRS. G. HYDEMAN.

New Berlin, N. Y.

Received the rose bush yesterday rather dry, but O. K. Thank you, am well pleased. *FRANK J. MICKLE*

Our plants and shrubs are carefully packed by experts and shipped direct from our greenhouses, thus assuring their arrival in the best possible condition.

Varieties listed here can be planted several seasons; yielding two or more dividends of delight from a small cash invstment

VICK'S FRUIT TREES

By Express or Freight not prepaid. Fruit trees are too heavy for parcel post.

The satisfaction of eating handsome, sparkling fruit fresh from one's own garden cannot be measured. Only those who have had this pleasurable experience know their appetizing lusciousness. Many otherwise waste spaces in corners, along fences and terraces can be utilized to provide abundant table delicacies fit for any epicurean banquet.

APPLES

	Each	Ten
Largest Size XXX 6 to 7 ft.	$1 25	$11 00

SUMMER APPLES

Red Astrachan. Well-known red summer apple, in great demand.
Sweet Bough. A favorite everywhere. Everyone should own a tree of this variety.
Yellow Transparent. Earliest of all. Large, tender, juicy; big crop every year.

FALL APPLES

Duchess of Oldenburg. A fine apple; yellow skin striped with red. Crisp, tender and juicy.
Fall Pippin. Large, yellow; tender, juicy and rich.
Fameuse. (Snow Apple.) Red skin, white flesh; very tender.
Gravenstein. Tender flesh; very attractive.
Maiden's Blush. Old time favorite.

WINTER APPLES

Baldwin. Most popular variety planted.
Delicious. The great National Dessert Apple. Sells in the city for five and ten cents apiece. Flesh tender; very juicy. Apple large, striped red. Plant one of these trees as soon as you can.
Golden Russet. Very hardy Russet apple.
Rhode Island Greening. Best green apple. Fine for cooking and a great table apple.
Jonathan. Large, brilliant red. Good keeper. A great apple for the home garden.
McIntosh Red. Best red winter apple; tender, juicy, crisp.
King. Large red; fine bearer. Hardy.
Northern Spy. A great eating apple. Known the world over.
Rome Beauty. A very handsome red striped apple of good quality. A good keeper.
Talman Sweet. Best sweet. Light yellow with blush of red.
Winter Banana. An apple with a banana flavor. Fine looking.

DWARF APPLES

Fine for the Town or City Lot where there is limited space in which to grow fruit.

Extra Large Trees, $1.25 each; ten for $11.00.

Dwarf Trees in These Varieties: Baldwin, Crimson Beauty Northern Spy, McIntosh Red, Snow Apple, R. I. Greening Duchess, Wealthy, Winter Banana.

CRAB APPLES

	Each	Ten
XXX Grade, Largest Size	$1 25	$11 00

Hyslop. Dark red. **Transcendent.** Yellow, red cheek.

APRICOTS

$1.50 each; ten for $12.50.

Early Golden. Small, juicy, sweet. Tree very hardy and a good bearer. July.
Moorpark. Largest of all. A big favorite everywhere. August.

SOUR CHERRY

	Each	Ten
XXX Extra Size	$1 75	$ 15 00

Early Richmond. Dark red cherry, juicy, acid, great cooker, very productive.
Montmorency. Most popular of all cherries. Large, bright shining red, acid flavor.

SWEET CHERRY

	Each	Ten
XXX Extra Size	$1 75	$15 00

Black Tartarian. Large, sweet, heart-shaped. Very fine cherry. Bears immense crops. Most popular variety grown.
Napoleon. Best of yellow sweets. Heart-shaped fruit. Very large. Meat tender, juicy, fine flavor. A great canning cherry.

PEARS

	Each	Ten,
XXX Extra, 5 to 7 ft.	$1 75	$ 15 00

Anjou (Autumn). Large, handsome, fine flavor, good keeper, strong grower.
Bartlett. A popular favorite everywhere. Large, yellow pear. tender flesh. This pear should be in every garden. September
Clapp's Favorite (Summer). Large, early pear. Hardy and productive. August.
Duchess (Autumn). Light green and russet pear. Large, good keeper. Good flavor.
Flemish Beauty (Autumn). Beautiful, sweet pear, highly flavored, hardy.
Seckel (Autumn). A great home garden variety. Small fruit, juicy, melting tender. Fine for preserving and pickling.

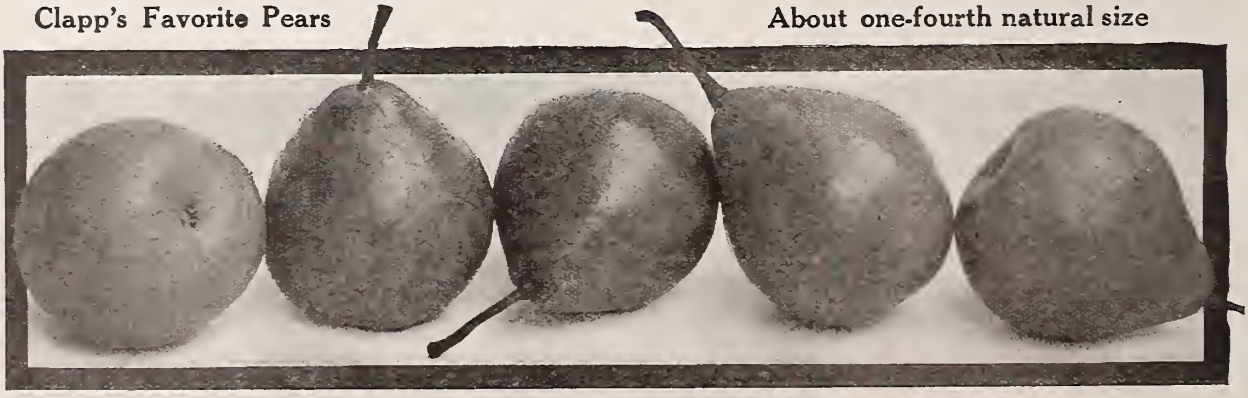
DWARF PEARS

Dwarf Pears are popular where space is limited. Fruit is same size as on standard trees.

Prices on Dwarf Pear Trees	Each	Ten
XXX 3 to 4 ft.	$1 75	$15 00

We recommend the following varieties:
Dutchess Bartlett Anjou Seckel

Clapp's Favorite Pears — **About one-fourth natural size**



VERY IMPORTANT NOTICE.

First class nursery stock, the only kind we care to sell, is very scarce and some varieties may increase in price before the end of the season. Consequently we cannot fix prices for any definite length of time. Therefore, ***Order very early.*** In case of our inability to fill your order for any reason, or if the price has changed, we will either refund the amount paid or send other items of equal value, as you may direct. We exercise care to have our trees genuine and reliable, and hereby guarantee that if all or practically all, or any part of stock delivered does not prove true to name as ordered, we will replace it, free of charge, or refund the money paid for it, that being the full damages for a breach of contract.. Our prices are offered subject to the conditions that we shall not be held reliable in any event for an amount in excess of the money received for the stock.

PEACHES

	Each	Ten
XXX Grade, 4 to 5 ft.	$1 00	$9 00

Belle of Georgia. Large; flesh white, firm. Freestone. August.
Carman. Hardy, flesh creamy white, tinted red; Freestone. July.
Champion. Large red. Sweet and juicy. Freestone. August.
Chair's Choice. Large, yellow, red cheek. Freestone. October.
Crawford Early. The home garden peach. Ripens in August.
Crawford Late. Large, yellow, red cheek. Freestone. September.
Elberta. Large, yellow, red cheek. Late September. Freestone.
Fitzgerald. Hardy, large yellow. September. Freestone.
Niagara. Larger than Elberta. Fine. Freestone. September.
Yellow St. John. Yellow. Extra fine. Freestone. August.

Our prices on Small Fruits, and Fruit and Ornamental Trees are based on the actual value of the plants and do not include the cost of transportation. Most shipments of Small Fruits can be forwarded cheapest by Parcel Post. If you prefer that route add 2 cents to the price of each berry plant. Otherwise shipment will be made by Express collect.

CUTHBERT—"Queen of the Market"

Blackberries

Price—3 for $1.00 ; 10 for $2.25; 100 for $12.00.

Blowers. The giant of all Blackberries. An upright, mammoth grower; is very hardy and productive. Fruit jet black, of fine quality; a good shipper. Commences to ripen in July and bears fruit about two months.
Eldorado. A berry you can depend upon every time. The vines are very vigorous and extra hardy. Berries are large, black, and borne in big clusters.
Rathbun. Fruit black, luscious, of the highest quality, with a high polish and sufficiently firm to carry well. Berries will measure from 1½ to 1¾ inches in length. Flesh juicy, high flavored, without any hard core, sweet and delicious. Unsurpassed for the table or canning. Hardy, having stood 15 to 18 degrees below zero without harm; vigorous, great bearer.

PLUMS

	Each	Ten
XXX Extra Size	$1.75	$16.00

Abundance. (Japan). Large, red, flesh light yellow. Early.
Bradshaw. Dark violet red, oblong, flesh yellow, juicy.
Burbank, (Japan). Large, round, red, good bearer, fine quality.
German Prune Long oval, purple, thick bloom. Sweet.
Lombard. Tree will grow anywhere A red, oblong, large plum. Juicy, sweet and pleasant. Should be in every garden.

QUINCES

	Each	Ten
XXX Extra Size	$1.75	$16.00

Orange. Most popular variety. Large, golden-yellow. Cooks very tender. Fine flavor.

Providence, R. I. Nov. 1, 1920
Gentlemen, I extend to you my thanks for the Columbian Raspberry plants sent me. If they do not grow, it will not be your fault, for the plants look good and healthy. Once more thanking you for your kindness,
GEORGE PETRI

Vick's Small Fruits

Red Raspberries

PRICES—Three for 60 cents; 10 for $1.25; 100 for $7.50.

St. Regis Everbearing Raspberry
Ripe Fruit From June to November

Begins to ripen in June and continues to bear fruit until frost. Truly an everbearing Red Raspberry Berries large, bright crimson, highest quality. Rich and sugary, with a true raspberry flavor. A fine shipper. In size, productiveness and quality St. Regis leads all other reds.

Columbian. A cross between the Cuthbert and Gregg. Hardy even in Wisconsin. A most vigorous grower; canes 10 to 16 feet in length and often over an inch in diameter. Fruit very large; color dark reddish-purple; adheres firmly to the stem; seeds small; has a distinct flavor of its own making it a most delicious table berry. For canning it is much superior to any other. Bears enormous crops.

Cuthbert. The best of all Red Raspberries for market on account of its fine shipping qualities, size, color, and richness of flavor. Very strong grower, vigorous, healthy foliage and very hardy. One of the reliable varieties; can always be depended upon to bear a good crop.

Herbert. A fairly new berry from Canada. Its chief quality is its extreme hardiness, being practically proof against diseases of all kinds. Fruit large, bright to deep red, of fine quality and flavor. A very fine market variety, especially adapted to localities where the winters are very cold. Highly recommended by the Government Experimental Station at Ottawa.
Golden Queen. Best yellow variety. Continues a long time in bearing.

Vick's Black Raspberries

Price—3 for 60 cents; 10 for $1.25; 100 for $7.50.

Plum Farmer. This wonderful new Black Raspberry has been thoroughly tested and is a great favorite for home use, and one of the best commercial sorts for all sections. A vigorous grower, hardy and very productive; one of the best to withstand drought. Fruit enormously large, covered with a grayish bloom like the bloom on a grape; matures early, easily picked, ships well, sells at the highest prices.
Cumberland. A mammoth, excellent quality, mid season blackcap that loads its stock canes with handsome, glossy berries. Extremely hardy.
Gregg. A large, showy blackcap of first quality. A strong grower, hardy and very productive.
Black Diamond. One of the best for home and market. For drying and evaporating it excels all others. The fruit, large and handsome, on account of its size, keeping qualities and productiveness, is one of the most profitable ones to grow.

Vick's Strawberry Plants

No plant better adapts itself to all conditions and to all sorts of soil, and brings as satisfactory returns for the amount of labor and money expended. The varieties we list, have been selected with special care and include the very best for both the home gardener and commercial grower.

The blossoms of strawberries are either staminate (perfect) or pistillate (imperfect). The imperfect varieties must have a row of some perfect-flowered sort flowering at the same time planted every third or fourth row to pollenize the blossoms. When properly pollenized imperfect varieties are as a rule most prolific. "Perf", after a variety indicates perfect flowered. "Imp". indicates imperfect.

Prices of all plants except Progressive.

25 for 75 cents. 100 for $2.25 by parcel post prepaid; by express or freight collect, 250 for $3.50; 1000 for $12.50.

PROGRESSIVE

Brandywine. A large, broad, heart-shaped berry, delicious. Medium red color, flesh is firm. Will thrive on most any kind of soil. Midseason. (Perf.)

Bubach. Among the leaders of old standard varieties. Fruit large and handsome, conical, bright scarlet, moderately firm, rich in flavor. Succeeds on light or heavy soil. Desirable for home use and market. Season early to medium. A great berry, bringing fine prices on the market. (Imp.)

Gandy. A large, late berry, heavy yielder, strong grower. Fruit very firm, and of good quality. On the market brings fine price. (Perf.)

Glen Mary. A fancy market variety. Meat is rich firm, juicy and of high flavor. Big, dark red berry. Midseason. (Perf.)

Marshall. Old and well-known variety. Fine quality. One of the largest berries on the market. Brings top prices. Midseason. (Perf.)

Progressive—Everbearing. This is the leading everbearing variety, producing good sized berries from May until November. The fruit is of fine quality, highly colored, deliciously flavored, and red to the core. Every garden should contain some of these wonderful plants. (Perf.) **Layer plants 25 for $1.25; 100 for $3.50 by parcel post prepaid; 250 for $7.00; 1,000 for $25.00, by express collect.**

Sample. Dark red berry, large size, delicious flavor. A profit maker. Late midseason. (Imp.)

Senator Dunlap. Very hardy and productive. Berries good size, bright glossy red, good quality. Ripens early and bears fruit for a long period. (Perf.)

I received some Progressive, Everbearing Strawberry Plants of you in the Spring and have been picking berries since June from them, the finest berries. Even now at the end of September I am picking a lot every other day; just as sweet as if we had not had a week of steady rain. So I am sending for some of Vick's Uncle Joe berries to have a variety.
Bremerton, Wash., Sept. 30, 1920. *MRS. GEO. W. GOWLAND*

Vick's Gooseberries

Downing. A large, handsome, pale green berry of splendid quality. Popular for cooking and table use. A vigorous grower and proof against mildew. **Each, 75 cents; 10 for $6.00.**

Pearl. Resembles Downing, but superior in size and quality. It is very hardy; free from mildew. The fruit is pale green. Fine for cooking and table use. Most productive of all Gooseberries. **Each; 75 cents; 10 for $6.00.**

Josselyn. (Red Jacket). A strong grower; very productive; less subject to mildew than the others. Fruit very large, smooth, of good flavor; bush absolutely hardy, with clean, healthy foliage. The one red Gooseberry that can be planted with confidence. **Each, 85 cents; 10 for $7.00.**

Steven's Late Champion. Large, bright red, fine flavored, late, productive berry. Well liked everywhere. (Perf.)

William Belt. Well known. High quality, juicy, sweet, large, bright crimson berry. Ripens all over, no green tips. (Perf.)

Vick's Uncle Joe. For a fancy, bright red table berry large, and of high quality, it cannot be beaten. Flesh is tender and delicious, with a rich, sub-acid wild flavor. Plants strong growing and very hardy. Midseason. (Perf.)

Vick's Grape Vines

Strong 2 year old vines—all varieties, 60 cents each.

Campbell's Early. Strong, hardy vine; healthy, mildew-resisting foliage; bearing abundantly. Berries large, black, with light purple bloom. Flavor rich, sweet, slightly vinous. Very early.

Niagara (White). Bunch very large and handsome, berries large, round; skin thin, tough, carries well; melting sweet. Should be in every garden.

Brighton. A large, delicious, sweet, red grape; flesh sweet, tender and very juicy; vine thrifty and a strong grower. Best of all large red grapes. First of September.

Concord (Black). Bunch large, berries large, covered with a rich bloom; sufficiently firm to carry well to distant markets; flesh juicy, sweet, tender; a strong grower, very hardy, healthy and productive.

Delaware. Bunches small and compact; berries small, round, thin skinned, light red Flesh very juicy, with an exceedingly sweet and delicious flavor. Very hardy and productive.

Worden. Said to be a seedling of the Concord. Bunch large, compact, handsome; berries larger than those of the Concord. Superior to it in flavor, and ripens a few days earlier. Destined to become very popular for the vineyard and garden.

Vick's Progressive Strawberry produces good sized fruit of fine quality, deliciously flavored, from May until November

VICK'S ORNAMENTAL TREES

By Express or Freight not prepaid. Trees cannot be sent by Parcel Post.

Beech, Purple-Leaved. A variety of European beech with large, smooth, very dark leaves. The best purple lawn tree known. **Each, 4 to 5 ft., $2.50.**

Birch, Cut-Leaved Weeping. Its tall, slender, yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage presents a combination of attractive characteristics rarely met with in a single tree. **Extra fine well rooted trees. Each, 6 to 8 ft., $2.50.**

Butternut. Valued for its tropical appearance and beautiful wood, as well as for its nuts, Produces large, handsome, elongated nuts with rich, sweet, oily kernel; very nutritious. The tree grows rapidly and yields large crops in a few years. There are large profits in butternut growing. **Each, 4 to 5 ft., $1.75.**

Catalpa Speciosa (Hardy or Western Catalpa). Very popular throughout the country on account of its hardy nature. It has immense leaves, velvet brown when they first appear, changing to a rich dark green, followed by immense panicles of pink and white flowers. **Each, 8 to 10 ft., $1.50.**

Catalpa Bungeii (Umbrella Catalpa). Grafted on stems 6 to 8 feet high, it makes an umbrella shaped top without pruning; perfectly hardy, and flourishes in almost all soils and climates; leaves large, glossy, heart-shaped, deep green; always making a symmetrical head. One of the most unique trees; desirable for lawn, park or cemetery. **Each, extra large, $3.00.**

Crab, Bechtel's Double Flowering. One of the most beautiful of the many fine varieties of flowering crabs. Tree of medium size, covered in early spring with large, beautiful double, fragrant flowers of a delicate pink color. From a distance the flowers have the appearance of small roses. Blooms when quite young. **Each, 3 to 4 ft., $1.50.**

Elm, American. The most admired of all American trees. It is very attractive in any suitable location, is extremely hardy, easily transplanted, and makes the finest shade tree in the world.
Each, 8 to 10 ft., $1.75; 10 to 12 ft., $2.25.

Maple, Norway. One of the most beautiful and desirable trees known, of large size, perfect outline, with deep green foliage. Its compact habit, stout, vigorous growth, freedom from disease and insects, render it one of the most desirable trees for the street, park or garden.
Each, 6 to 8 ft., $2.00; 8 to 10 ft., $2.50; 10 to 12 ft., $3.50.

Maple, Schwedler's or Purple Leaf. A beautiful variety of Purple Leaf Norway, with long shoots and leaves of bright purple and crimson color, which change to purplish-green on older leaves. **Each, 6 to 10 ft., $5.00.**

Maple, Silver Leaf or Soft Maple. A well-known native tree of rapid growth, large size, and rounded form. Foliage bright green above and silvery-white beneath; tree very hardy and easily transplanted. One of the most useful trees.
Each, 6 to 8 ft., $1.25; 8 to 10 ft., $1.75; 10 to 12 ft., $2.50.

Maple, Sugar or Rock. A native tree, valuable for its production of sugar and wood. Very stately in form, rapid grower, has fine foliage and is very ornamental.
Each, 8 to 10 ft., $2.50; 10 to 12 ft., $3.50.

Mulberry, Downing. This tree is valuable not only for the large, refreshing berries it bears, but as a lawn or street tree.
Each, 4 to 5 ft., $1.50.

Mulberry, Tea's Weeping. One of the finest, most graceful and satisfactory of weeping trees. Umbrella shaped head, with slender willowy branches drooping to the ground. Beautiful glossy foliage, handsomely cut or divided into lobes. Perfectly hardy. **Each, $3.00.**

Poplar, Carolina. One of the most rapid growing trees; its branches are spreading, the leaves are large, handsome and glossy. The best of the poplars, and especially adapted to planting in large cities, where it resists the smoke and gas and soon affords a dense shade.
Each, 8 to 10 ft., $1.00; 10 to 12 ft., $1.50.

Poplar, Lombardy. Grows to a height of from 100 to 150 feet. Well known and remarkable for its erect, rapid growth and tall, spiry form. Indispensable in landscape gardening, to break the ordinary and monotonous outlines of most other trees.
Each, 8 to 10 ft., $1.25; 10 to 12 ft., $1.75.

Thorn, Paul's New Double Flowering. This tree deserves to be classed among the most beautiful of all ornamentals. It is a dense, low grower, and occupies but little space; well adapted to beautify small grounds. Flowers are bright carmine red color and bloom in May and June. **Each, 3 to 4 ft., $2.00.**

Walnut, English, Persian or Madeira. A fine, lofty-growing tree, with handsome, spreading head; produces large crops of thin-shelled delicious nuts. **Each, $1.25.**

Walnut, American Black. The large, oily nuts are borne in heavy crops. They are much relished by all people, old and young, and always sell at a fair price. The tree grows quite fast and is extremely ornamental. **Each, $1.75.**

Walnut, Japan. A choice, imported variety, grows with great vigor, forming a handsome head without pruning. The trees begin to bear when two or three years old nuts whose kernels are meaty and can be removed entire. **Each, $1.75.**

Vick's Currants

60 cts. each ; 10 for $5.00

Red Cross. Sweetest currant ever produced. In making jellies requires only half the amount of sugar others do. Large clusters of great big berries. We recommend it to all our customers.

Perfection. A large, red currant, mild, subacid flavor. Plenty of pulp and few seeds. Less acid and of better quality than any other currant. Very productive. Endorsed by N. Y. State Experimental Station. Winner of Barry Gold Medal, Pan-American Exposition Medal and St. Louis Exposition Gold Medal.

Cherry. Large red berries, borne in fair-length clusters. A robust, fruitful and standard variety that we believe ha been set more largely in commercial orchards than any other sort.

Wilder. It is one of the strongest growers and very productive. Bunches of berries very large, bright, attractive red color, and hang on bushes longer than any other variety.

White Grape. Very large, yellowish white; mild acid; fine for the table. Is of low, spreading habit with dark green foliage. The finest of the white kind; very productive.

Fay's Prolific Less acid than cherry; branches large, berries medium, bright and sparkling. One of the leading late varieties, and a remarkable cropper. Valuable for commercial purposes as well as for home use.

We Pack Our Nursery Stock Carefully.

The grapes came alright, also am very much pleased with them.
Carrollton, Ill., Nov. 1, 1920. *Fred Ellers*

The berry bushes arrived in good condition, Thank you for the same.
Poelville, N. Y., Nov. 4, 1920. *Eugene Preston.*

The ornamental trees came to-day and look very promising and were well done up. Many thanks,
Elmira, N. Y., April 28, 1919. *Benjamin R. Nafe.*

Small Fruits can, in many cases, be sent best and cheapest by Parcel Post. Our prices cover the actual value of the stock and do not include transportation charges. Therefore, if you wish your bushes to go by Parcel Post. include with your remittance an amount sufficient to pay the postage.

Unless otherwise stated, prices on this page are f. o. b. Rochester, i. e. the express or freight charges to be paid by customer

FERTILIZERS

PULVERIZED SHEEP MNURE

The Very Best Fertilizer for the Lawn and Garden

It is Convenient. Being thoroughly dried and finely ground, Pulverized Sbeep Manure is in a convenient form for use on tbe lawn, in the garden, in the greenbouse, or for potting soil. Most of the weight has been removed in drying.

It is Natural. A pure animal fertilizer. No chemical change or loss of plant food occurs in drying or grinding. Adds organic matter to tbe soil by nature's own method.

It is Inoffensive. Unequalled for the lawn. Is a top dressing superior to stable manure, without any unsightly appearance or offensive odor.

There is No Risk. Contains no acids or chemicals to burn the sprouting seeds or roots of plants. May safely be used wherever stable manure would be desirable, and without inconvenience or discomfort.

On the Lawn. The first shower, or watering, following an application of Pulverized Sheep Manure, produces a luxuriant dark green growth. The insoluble particles, gradually decaying, feed the grass roots for a long time, so that the effect is lasting.

In the Garden. Pulverized Sheep Manure is convenient; it furnishes plant food in the best form for growing plants of all kinds, and it adds organic matter, or bumus, to tbe soil, thus keeping it in good mecbanical condition. Commercial fertilizers cause the soil to become bard and dry. We bave used Pulverized Sbeep Manure on our own farms quite extensively for Field Crops, with excellent results. For this purpose we use a grain drill as for commercial fertilizers.

Quantity to acre for lawn, 500 to 800 pounds; for other purposes, 1 ton.
5 lbs., 40 cents; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.00;
500 lbs., $12.50; 1,000 lbs., $21.00; 1 ton, $40.00.

Nitraco. Tbe most perfect, universal fertilizer on the market; can be safely applied to any soil and anything that grows. 1 lb., 25 cents; 5 lbs. 75 cents; 10 lbs., $1.25; 25 lbs., $2.50; 50 lbs., $4.50; 100 lbs., $6.00.

Nitrate of Soda (Chili Saltpetre). The best and cheapest form of Nitrogen for plants. Higbly concentrated and immediately available. Nothing like it to make plants grow. Price subject to market changes. 3 lbs., 50 cts. 5 lbs., 65 cts.; 10 lbs., $1.00; 25 lbs., $2.25; 50 lbs., $4.25; 100 lbs., $8.25.

Pure Raw Bone Meal. The very best fertilizer for use in potting soil for flowering bulbs. Finely ground. It decomposes more rapidly in the soil tban the coarser grades, and is therefore more quickly beneficial Bone Meal forms an excellent permanent improvement and is less likely to waste than other fertilizers. It is safe and there is no danger of burning the plants or bulbs. 1 lb., 10 cents, or postpaid, 25 cents; 5 lbs., 30 cents; 10 lbs., 65 cents; 25 lbs., $1.25; 50 lbs., $2.25; 100 lbs., $4.25; charges not prepaid.

Scotch Soot (Imported). Valuable for stimulating a healthy growth. Mucb used by Florists and Gardeners both as a fertilizer and fungicide. Has a beneficial effect in freeing tbe soil from slugs, grubs and cut worms Sacks, each containing about 108 pounds, $4.00.

Wood Ashes. One of the best fertilizers. It drives away insects and improves the texture of tbe soil. Per 100 lbs., $2.75; bbl., about 200 lbs., $5.00; ton, $35.00.

Bowker's Ammoniated Food for Flowers. Directions for use inside each package. A complete fertilizer for palms, ferns, and blooming plants. Four-ounce package, containing sufficient food for thirty plants for tbree months, 25 cents, mail prepaid; 12-ounce package, containing sufficient food for 30 plants for one year, 50 cents, mail prepaid.

WEED KILLER

Destroys Weeds in Paths, Roads and Gutters

Weed Killer is a liquid wbich kills the roots as well as the tops of all weed and grass growtbs. It is easier to apply and less expensive tban hoeing or digging by hand. It is especially effective in removing weeds from walks and cobbled gutters since it does not injure tbe roadbed; neither does it discolor the cement or stone. One application usually cbecks the growth of fresh weeds or an entire season. Dilute one part Weed Killer in forty parts water and apply with sprinkling can or cart. Qt., 60 cents; gal., $1.75; 5 gals., $7.00.

STANDARD TREE BANDS

The only safe, positive protection against caterpillars, moths, worms, and all climbing insects.

Made of heavy waterproof paper with a sticky, scientifically prepared, repellant material under the umbrella-like canopy, which protects the "gum stickum" from the weather, dirt, falling leaves, etc. No climbing insects can get by. On the inside of the band is fluffy felt which fills depressions in the bark preventing passage under the band. Easily applied—simply cut off enough to encircle tree and tack it on. Outside band will mushroom, as shown in cut and remain so. Cannot injure tree. Guarranteed to last a season. Endorsed by foresters and fruit growers everywhere.

25 foot roll, $1 75; 100 foot roll, $6.75 not prepaid

Tree Tanglefoot (Paste). Protects trees against all climbing pests such as Gypsy and Brown tail moths, Tussock moths and Spring and Fall canker worms. One pound will make about 9 lineal feet of band. Apply as soon as snow is off the ground in spring.

1 lb. can, 50 cents; 3 lbs., $1.45; 10 lbs.. $4.50.

INSECTICIDES

If wanted by mail send 10 cents lb. for postage and packing

UNIVERSAL SPRAY. An insecticide and fungicide for every purpose. For years men have worked to secure an insecticide that would kill *all* pests. Out of this research Universal Spray was developed. Apply as a dry powder. Unequalled for the control of all pests on Rose Bushes, Shrubs, Trees, Potatoes, Tomatoes and all vine crops, such as Cucumbers, Melons, etc. Top may be perforated.

By Mail, Post Paid—Trial Package 25 cts.; Large Package, 50 cts.

Arsenate of Lead, Powdered. Superior to the paste, remaining longer in suspension and having a greater covering capacity; only half the weight needed as of the paste form. It may be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur or Bordeaux. ½ lb., 40 cents; 1 lb., 75 cents; 5 lbs., $3.50 10 lbs., $6.40; 25 lbs., $13.00; 50 lbs, $24.00; 100 lbs., $45.00;

Black-Leaf 40 (Liquid), A bighly concentrated solution of Tobacco; Recommended by Experiment Stations for black Aphis and sucking insects of all kinds. Spraying directions on each package. 1 oz., 25 cents. ½ lb., $1.10 cents; 2 lbs. $3.50; 10 lbs. $14.00.

Bordeaux Mixture. (Powder). For fungous diseases. Directions for using on carton. 1 lb., 55 cents; 5 lbs., $2.50; 25 lbs., 8.00

Bordeaux—Arsenate Powder. Combined insecticide and fungicide. Convenient to apply. 1 lb., 50 cents.

Bordo-Lead. A combined insecticide and fungicide. Bordo-Lead contains enough Arsenate of Lead to kill bugs and chewing insects, and enough Bordeaux Mixture to prevent blight. Both results are accomplisbed in one operation. Bordo-Lead is safe to use, sticks to the foliage, covers a large surface evenly and does not wash away. One pound makes five to ten gallons of solution, ready to apply. For small gardens two or three teaspoonsful make a quart. Complete spraying directions are given with each package. 1 lb., 45 cents; 5 lbs., $2.00; 10 lbs., $3.50; 25 lbs., $6.00; 50 lbs., $12.00; 100 lbs., $22.00.

Dalmatian Insect Powder. The true "Persian" insect powder. ¼ lb., 30 cents; charges paid.

Hellebore. Pure and fresb; used largely for cabbage and currant worms, squash bugs, etc. ¼ lb., 25 cents., ½ lb., 40 cents; 1 lb.; 75 cents; 5 lbs., $3.50

Improved Kil-Tone. A combined insecticide and fungicide. To control leaf-eating insects and plant diseases. Recommended for Potatoes, Beans, Melons, Tomatoes, Cucumbers, Egg Plant, Roses and shrubbery. 1 lb. package; 45 cents; 10 lbs. $3.00; 150 lbs. at 18 cents per lb.

Paris Green. A poisonous, insoluable powder, used extensively for potato bugs, caterpillars, slugs, codling moths, worms and bugs. Applied as a powder, mix with plaster or flour; in solution, mix in two to three hundred gallons of water. ¼ lb., 25 cents; ½ lb., 50 cents; 1 lb., 75 cents.

Pyrox (Paste). The best known liquid spray for Potatoes, Tomatoes, etc Kills bugs and prevents blight. 1 lb., 45 cents; 5 lbs., $2.00; 10 lbs., $3.50; 25 lbs., $6.25; 100 lbs., $20.00.

Rat Annihilator. A safe and sure method of ridding your premises of Rats and Mice, easy to use, leaves n odor Rats eat it and immediately leave in search of water. Your losses by Rats are beavy, stop tbem. Package 15 cts

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Quart, 60 cents; gallon, $1.50; 5 gals. $5.50.

Sulpho-Tobacco Soap. Used as a wash for roses, trees, and house plants. Very effective for insects on animals. 3-oz. cake, 15 cents: 8-oz. cake, 30 cents; postage paid.

Tobacco Dust. Per lb., 15 cents; 10 lbs., 75 cents.

Vick's Excelsior Insect Exterminator. Will destroy Striped Bugs, Cabbage Lice, Green Cabbage Worms, Potato Bugs, Aphis; Squash Bugs, Cockroacbes, etc; 75 cents per pound, by mail. In lots of five pounds or over, 60 cents per pound by express at expense of the purchaser. Best applied by means of tbe bellows we bave constructed for that purpose. Ten-inch Bellows, $5.00, charges not prepaid. For use in conservatories and for bouse plants we offer a small zinc Bellows, in two sizes. No. 1, with one ounce of Exterminator, 35 cents, postage paid. No. 2, with four ounces of Exterminator, 60 cents, postage paid.

Lime Sulphur (Powdered) It is now recognized that the most economical sprays are those put up in a powdered form which eliminates paying freight or express on water. One to one and one half pounds of Dry Lime Sulphur will make five gallons of solution of standard strength for dormant spray. Simply follow the directions on tbe package, adding the required amount of bighly concentrated powder to a given number of gallons of water and stir tboroughly.

Lime Sulphur will destroy San Jose Scale, Oyster Shell Bark Louse, Scurfy Scale and other sucking insects, such as Spiders, Lice, Aphids of all kinds, at the same time Fungus spores of Apple Scab, Peach Rot, Leaf Spot, etc., if applied in the fall immediately after the leaves drop, or in the spring before the buds open.

1 lb, box, 50 cents, postpaid; 5 lb. box, not postpaid, $2.00

Whale Oil Soap. Used as a wash for roses, trees, and plants affected with insects. ½ lb. box, 25 cents; 1 lb. box, 40 cents, postage paid. Special price on large quanities.

KEY DUSTER GUN

Insecticides in powdered form are becoming more popular each year, because of the ease with which they may be used, there being no weighing or mixing, or measuring of chemicals, and as they are very effective in combating all kinds of sucking and eating insects. One of the simplest and easiest methods of distributing powdered insecticides that we know of, is by means of the **Key Duster Gun. Each, $5.00.**

Cartridges to Use in Duster Gun

B. A., for vegetables and small fruit, **15 cts. each; $1.80 per dozen.**
Ofloro, for flowers and shrubs, **15 cts. each; $1.80 per dozen.**
Hellebore, for fruits and vegetables nearly ripe, **20 cts. each; $2.40 dozen.**
Kaphis, for aphis and similar soft bodied insects, **15 cts. each; $1 80 dozen.**

BOOKS FOR THE GARDEN

Postage or Express Charges Prepaid

GARDEN GUIDE. The Amateur Gardener's Handbook. Throughout its pages the veteran gardeners tell the amateur in remarkably simple, easily understood language, how to plan, plant and maintain the home grounds, suburban garden, or city lot; how to grow good vegetables and fruit; how to raise beautiful flowers; how to take care of lawns, porch plants, window boxes, etc. Handsomely illustrated, newly revised, brought right up to the minute. **Paper, $1.00; cloth, $1.50.**

Garden Making. By L. H. Bailey. Preparation of land, planting trees and shrubs; laying out grounds, lawn making and planting, pruning trees, raising flowers, vegetables and fruits. **$2.25.**

Onion Culture, The New. By T. Greiner. Original and highly valuable matter of interest to everyone who raises onions. **75 cents.**

How to Grow Mushrooms. By Wm. Falconer. A treatise on Mushroom culture. **$1.50.**

The Small Fruit Culturist. By A. S. Fuller. Illustrated. **$1.75.**

The A B C of Potato Culture. By W. B. Terry. **50 cents.**

BASKET MAKING MATERIAIL

Raffia. The inner skin of a palm found in Madagascar Raffia is very strong and tough, but soft and flexible, which fact makes it the only practical article for weaving into fancy baskets, boxes and mats. In its natural color it is a light straw, but for basket work various colors are used; our list is complete and embraces the following. Postage paid.

Indian Red, Sage Green, Pink, Ligbt Orange, Emerald Green, Brown, Yellow, Dark Navy, Black, Bright Yellow, Red, Bright Green, Christmas Red

	OUNCE	¼ LB.	POUND
Raffia—Colored . . . . . See colors above	$0 15	$0 45	$1 50
Raffia—Natural	10	15	35

Samples of Raffia on application.

Bellows. For applying dry insecticides. Hand-made throughout from seasoned wood and best quality sheepskin. Ten-inch, $5.00 each.

Grafting Wax. ¼ lb., 15 cents; ½ lb., 25 cents; lb., 40 cents, postpaid

Labels.

Wooden; painted.

4 inch, pot, per 1000	$1.25	6 inch, pot, per 1000	$2.00
4½ inch, pot, per 1000	1.35	8 inch, pot, per 1000	4.50
5 inch, pot, per 1000	1.75		

Weatherproof Labels. These plant labels are neat, convenient and permanent. They consist of a label and a transparent waterproof cover, which protects the writing from effacement by the elements. The marking on it will last indefinitely if done with a lead pencil, since the graphite of the pencil requires friction to remove it, and that is prevented by the transparent cover. To mark, slide the cover to one side. Our prices include the copper wires for attaching. Special sizes to order.

	DOZEN	HUNDRED
No. 1, 3 x ½ inches	$ .35	$2.25
No. 2, 4 x ¾ inches	.65	4.00
No. 3, 5 x 1 inches	.85	6.00

Pruning Shears. American Blue Steel . . . . . Each $1.00.

PAPER FLOWER POTS

Neponset Waterproof

Neponset Waterproof Paper Flower Pots merit your consideration. They are made from tough, lasting and thoroughly waterproof paper, and have many advantages that earthenware pots do not possess. They are less subject to breakage and practically eliminate all losses from that source; they weigh but one-tenth as much as earthenware pots and are, therefore, easier to handle; they hold moisture much better, and they are comparatively inexpensive. In addition, Neponset Waterproof Flower Pots can be used for every purpose; they are ideal for transplanting potted plants and for rooting strawberry, tomato and cabbage plants. In fact, they can be put to every use in which earthenware pots are employed. Let us supply your needs from this line, which becomes more popular and widely used each year.

	DOZEN	HUNDRED	THOUSAND
2¼ inches	$ .15	$ .85	$ 5.65
2½ inches	.20	1.00	6.50
3 inches	.30	1.30	9.50
3½ inches	.40	1.75	11.75
4 inches	.50	2.45	15.40
5 inches	.60	3.00	24.50
6 inches	.75	4.10	33.00

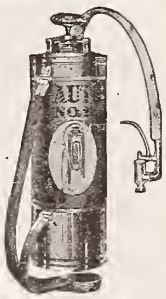
We prepay postage on quantities of 100 and less to and including the fifth zone. Not less than fifty at the hundred price.

SPRAYING OUTFITS

Express or Freight, Charges Collect

AUTO-SPRAY No. 1

Capacity Four Gallons of Solution



The Auto-Spray No. 1 is the best compressed air sprayer made. Strongly built and guaranteed to be satisfactory and without defect. Will handle all solutions including whitewash, and can be used in all kinds of work. Tank of heavy brass or galvanized steel. Seamless brass pump 2 inches in diameter. The pump is locked air tight to the tank by means of a simple sliding cam. This locking device is superior to that on any other sprayer. There are no screw connections to wear out and become leaky. All parts are instantly accessible and easily replaced. Each machine equipped with 2 feet of ½-inch hose, nozzle for fine spray, cap for solid stream and either stop-cock or our patented self-cleaning shut-off ("auto-pop") as ordered.

Auto-Spray No. 1-A—Brass tank with stop-cock	$11.50
Auto-Spray No. 1-B—Brass tank with auto-pop	12.00
Auto-Spray No. 1-C—Galvanized tank with stop-cock	8.50
Auto-Spray No. 1-D—Galvanized tank with auto-pop	9.00
Extension, Pipe. Solid Brass 2 feet length	.60
Extension Pipe, Galvanized, 2 feet length	.50
Elbow Extension, Solid Brass	.35
Strainer Solid Brass	1.50
Auto-Spray Nozzle	75
Auto-Pop	1 75
Auto-Pop with hose and fittings	2.50

AUTO-SPRAY No. 25

Continuous Sprayer

Compact design. Will handle all solutions. The entire front is removable by unscrewing the front cap, permitting the syphon tube to be withdrawn should it become clogged Fitted with two spray caps, one straight, and the other at an angle for reaching the under side of broad leaves. Will spray with tank at any angle. Solution does not come in contact with pump cylinder.

Auto-Spray No. 25-A—One quart, all tin	$1.25
Auto-Spray No. 25-B—One quart, Tin pump, Galvanized tank.	1.50
Auto-Spray No. 25-C—One quart, Tin pump, Brass tank	1.75
Auto-Spray No. 25-D—One-half gallon, Tin pump, Galvanized tank . . .	1.75
Auto-Spray No. 25-E—One-half gallon Tin pump, Brass tank.	2.25

The weight of No 25 A, B, and C, packed for mailing is two pounds; of No. 25 D and E, three pounds. Add zone postage if desired sent by mail.

AUTO-SPRAY No. 5

An Ideal Hand Sprayer for All Purposes

This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfentants. It is made entirely of brass, doing away with all danger of corrosion. The pump is double acting, making the spray continuous. The pump cylinder is small in diameter, and for that reason the operator can generate a high pressure with little labor In an actual test this pump generated a pressure of 180 pounds per square inch, with ordinary effort. The pump itself is so constructed that it can be taken apart instantly; it is only necessary to unscrew the packing gland, and the plunger complete can then be pulled out of the pump cylinder. The valves are arranged so that they both can be easily gotten at in case they should become clogged. Both the ball valves are positive in their action so that the pump can be used for spraying either up or down. The nozzles were designed especially for use with this pump. With these nozzles the operator is able to get any variety of spray necessary; either solid stream for washing windows or carriages, or for fighting fires; a long distance spray for trees, and a fine spray for all work near at hand, such as garden truck, bushes and potatoes. This nozzle will also handle whitewash.

The Auto-Spray No. 5 excels all other pumps in durability and simplicity. Because it is double acting it will do the same spraying that other pumps do, and with half the labor.

Pump, Hose and Strainer	$6.00
Extra Brass Extension Curved	.60

The weight of No. 5 packed ready for mailing is five pounds. Add zone postage if desired sent by mail.

In these days of up-to-date, profitable farming, quality in seeds is absolutely necessary. Be sure you get the best

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